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Maternal and Child Health

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Inventory and Analysis of NIH Maternal and Child Health Research

fiscal year 1982

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES   Public Health Service   National Institutes of Health

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National Institute of Child Health and
Human Development

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U.S. DEPARTMENT OF HEALTH
AND HUMAN SERVICES
Public Health Service
National Institutes of Health

NIH Publication No. 84-652
May 1984

Foreword

The betterment of the health and well-being of mothers and their children is one of this Nation's most important social priorities.

Although research has led to many improvements in the management of pregnancy and childbirth, too many infants die during their first year of life and still more are born with life-long mental or physical disabilities.

Much of the Nation's effort in maternal and child health research is centered at the National Institutes of Health (NIH). At the NIH, the National Institute of Child Health and Human Development (NICHD) is the focal point for research involving mothers and children but nine of the other Institutes and/or Divisions also make important contributions.

This Inventory is the first publication to identify and list the research conducted at the NIH in the areas of child and maternal health. Research projects, program projects and research center support, research careers grants, National Research Service Awards, research contracts, and intramural projects totalling more than $287 million are listed. A narrative summarizing each Institute's and Division's participation in maternal and child health research precedes this listing.

Although its descriptive function is a useful contribution, an even more important use of this Inventory will be to add to the efficiency of the administration of research programs in maternal and child health. Researchers and research administrators using this Inventory will be able to more easily coordinate new projects with work ongoing in areas of mutual interest as well as to identify gaps or research needs in specific areas. Students, physicians and others interested in maternal and child health research should also find this Inventory to be a valuable resource.

This volume is the first in what is planned to be a regular publication, a publication that eventually may prove to be a chronicle of progress in improving the health and well-being of mothers and children.

Mortimer B. Lipsett

Mortimer B. Lipsett, M.D.
Director
National Institute of Child
Health and Human Development

Table of Contents

Page

NIH Maternal and Child Health Projects, FY 1982 (table)................. v

National Institute of Allergy and Infectious Diseases
(Narrative).. vii
(Listing).. 1

National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases
(Narrative).. xi
(Listing).. 33

National Cancer Institute
(Narrative).. xiii
(Listing).. 47

National Institute of Dental Research
(Narrative).. xix
(Listing).. 68

National Institute of Environmental Health Sciences
(Narrative).. xxi
(Listing).. 81

National Eye Institute
(Narrative).. xxv
(Listing).. 88

National Institute of Child Health and Human Development
(Narrative).. xxix
(Listing).. 108

National Heart, Lung, and Blood Institute
(Narrative).. xxxv
(Listing).. 214

National Institute of Neurological and Communicative Disorders and Stroke
(Narrative).. xxxix
(Listing).. 239

Division of Research Resources
(Narrative).. xli
(Listing).. 250

NIH MATERNAL AND CHILD HEALTH PROJECTS, FY 1982

Funds (thousands)

Institute/Division	Total Grants and Contracts	Research Grants			National Research Service Awards	Research Contracts	Intramural (est.)
		Research Projects	Program Project/ Centers	Research Careers			
Total	$249,875	$153,724	$71,228	$4,143	$10,535	$10,245	$37,596
NIAID	24,582	18,249	3,378	482	909	1,563	5,661
NIADDK	11,639	9,629	1,580	186	-	244	894
NCI	27,152	15,872	9,102	-	963	1,217	4,216
NIDR	8,088	4,156	2,586	153	569	623	2,813
NIEHS	6,976	3,341	1,363	-	-	2,272	2,606
NEI	16,499	15,492	439	313	255	-	588
NICHD	105,034	64,557	29,196	2,931	5,644	2,706	18,086
NHLBI	25,545	11,130	11,834	-	2,195	387	574
NINCDS	7,043	4,665	1,066	78	-	1,233	2,158
DRR	17,317	6,633	10,684	-	-	-	-

NICHD-OPE-PAS

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES (NIAID)

I. Immunology, Allergic and Immunologic Diseases Program Areas

A. Allergy and Clinical Immunology
B. Genetics and Transplantation Biology
C. Immunology and Immunochemistry

Projects supported by the NIAID in these three program areas are concerned primarily with pediatric allergies, asthma, immunodeficiency diseases, and immunogenetic studies.

The impact of asthma and the other allergic diseases on children, their families and society cannot be overstated. It is estimated that more than six million children suffer from at least one allergic disease. A better understanding of pediatric allergies, which depends largely on knowledge of how developmental changes in the body affect their onset and expression, will benefit millions of children through improved diagnosis, prevention, and treatment.

Immunodeficiency diseases are the result of genetic defects. The immune system is an intricate array of interacting cells that manufactures millions of different antibodies and many other chemicals to fight against disease. Recombinant DNA technology has taught us that certain genetic mechanisms are responsible for the versatility of the immune system. Opportunities now exist to explore ways in which to restore the normal growth pattern to lymphocytes pathologically arrested in various stages of maturation, a characteristic in certain immunodeficiency diseases of children.

The major histocompatibility complex (MHC), also known as HLA in man, is a group of genes which, by its products, regulates a variety of immune processes, including determining a person's susceptibility to certain diseases and his ability to mount an immune response to certain antigens. This complex contains the genes responsible for producing a set of molecules called histocompatibility antigens (tissue typing substances) which are present on the surface of each body cell and serve as "name tags" identifying those cells that belong naturally to the body. Because of this self-recognition, there is normal harmony between the immune system and other parts of the body. When there is a defect in this self-recognition process, a variety of diseases may occur, one of them being juvenile-onset diabetes. Current research on the MHC is aimed at correcting this defect and, thereby controlling susceptibility to the disease.

The NIAID's Research Resources Program is a major source of tissue typing reagents that are used to "match" organs, such as kidneys, with potential recipients. This is of increasing importance in view of the success of pancreas transplants; scientists are hopeful that islet cell grafts may also prove beneficial in replacing malfunctioning islet cells in juvenile-onset diabetes.

II. Microbiology and Infectious Diseases Program Areas

- A. Bacteriology and Mycology
- B. Virology
- C. Parasitology

Projects supported by the NIAID in these three program areas are concerned primarily with diagnosis, prevention and treatment of infectious diseases of importance to the fetus, neonate, child, adolescent and/or pregnant woman. Included are sexually transmitted diseases, birth defects of infectious etiology, infections associated with cystic fibrosis, Reye's Syndrome, infant diarrhea, respiratory illness, meningitis, Hemophilus influenzae B, several childhood diseases, such as measles, mumps and chickenpox, and diabetes of possible viral etiology.

In the past 15 to 20 years, sexually transmitted diseases (STDs) have shown an enormous increase in incidence; gonorrhea, for instance, has reached epidemic levels. Along with this increase in STDs is the growing awareness of the impact of these diseases on fertility and on maternal and child health. In the U.S., rates of ectopic pregnancy and involuntary female fertility have risen sharply, more or less paralleling the rising STD rates. The medical complications of STDs in these populations are serious; new and better methods for diagnosis, treatment and prevention depend on research.

Birth defects of infectious etiology can occur as the result of intrauterine infections (cytomegalovirus, toxoplasma, rubella, syphilis) or perinatal infections (herpes simplex virus 2, gonococcus, group B streptococcus, Chlamydia). Contracting rubella (german measles) during the first trimester of pregnancy will almost certainly cause a severe intrauterine infection of the fetus which, although rarely fatal, results in serious birth defects. A reduction in the incidence of rubella syndrome has occurred since the introduction of a vaccine in 1970 although the disease has not been eliminated.

Among conditions caused by Chlamydia infection is salpingitis, the major cause of ectopic pregnancy and involuntary infertility in women. Chlamydia is the commonest cause of infant eye infection and of infant pneumonia. In the U.S. more than 100,000 infants per year develop chlamydia infection. Herpes simplex virus 2, in addition to causing genital herpes, is an important manifestation of STD in women, followed closely by post-salpingitis infertility and ectopic pregnancy and by maternal and perinatal complications.

Cytomegalovirus is the commonest known cause of infection of the fetus, the leading known cause of deafness, and contributes at least 6,000 children a year to the ranks of retarded, disabled citizens. Group B streptococcal infection causes approximately 5,000 infant deaths annually - the single most common cause of fatal bacterial infections during the first 2 months of life. Up to 2,000 survivors annually are left with deafness, blindness, cerebral palsy, mental retardation and/or epilepsy. Hepatitis B can be vertically transmitted from the mother to the newborn infant causing serious illness. Vaccines are being tested for the prevention of maternal - fetal transmission of Hepatitis B.

Approximately 4,500 infants are born annually in the United States with congenital toxoplasmosis (Toxoplasma gondii). At least 200-400 of these have damage which requires permanent institutionalization. The disease is contracted through the placenta and occurs in about 50 percent of the pregnancies involving an infected mother. Clinically recognizable disease (often blindness) occurs in about one-fourth of these infants, and evidence suggests that a significant number of asymptomatic infants develop serious sequelae (visual, auditory, neurological or intellectual impairment) later in life. Research is being conducted to develop diagnostic, therapeutic and preventive measures for this infection.

Individuals with cystic fibrosis are considered to be at high risk for infection with such agents as influenza virus, respiratory syncytial virus, parainfluenza virus, pseudomonas, pneumococcus and staphylococcus. Studies deal with the microbiological experience of C.F. patients with respiratory infection, as well as the immunobiology of the disease.

Rotaviruses and enteropathogenic E. coli are the causes of gastroenteritis (diarrhea) in infants and children. The proliferation of day care centers due to the increased number of working mothers has resulted in a need to study the epidemiology and control of enteric (and respiratory) infections. Nearly 2 million children are now enrolled in these centers.

Respiratory syncytial virus (RSV) and parainfluenza virus (types 1, 2, 3) are etiologic agents for the majority of bronchitis, croup, and pneumonia in infants and children. Morbidity from these is estimated at 17 percent of pediatric infections. An effective vaccine might be able to prevent 40 percent of all severe lower respiratory disease in infants and young children.

Studies are continuing on the development and clinical testing of pneumococcal polysaccharide vaccines. Otitis media is one of the most frequent infections of the infant and young child with the possibility of the development of hearing disorders and subsequent learning disabilities.

Research continues on the development of a new pertussis vaccine which will be free of serious reactions occasionally associated with the current, whole-cell vaccine.

Neisseria meningitidis and Hemophilus influenzae B are the primary causes of bacterial meningitis in infants and young children. Polysaccharide vaccines have been developed and are being tested for safety and efficacy.

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NATIONAL INSTITUTE OF ARTHRITIS, DIABETES, AND DIGESTIVE AND KIDNEY DISEASES (NIADDK)

The National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (NIADDK) conducts and supports research in a variety of disease areas that involve children, pregnant females or mothers. In many of the areas of research that NIADDK funds, children are involved with adults in studies, although some of these diseases, such as juvenile rheumatoid arthritis and juvenile diabetes strike first in childhood. The Institute also supports research in the areas of cystic fibrosis, a chronic inherited disease that affects the exocrine, or externally-secreting glands of the bodies of children, adolescents, and young adults; skeletal disorders, such as osteogenesis imperfecta and scoliosis; cystinosis, which causes kidney failure in children; other genetic metabolic diseases; growth and developmental problems; and the nutritional requirements of infants and pregnant females.

NIADDK supports basic research in areas relevant to these diseases and disorders with a primary goal of understanding the underlying cause of a particular disease or disorder. This understanding should eventually lead to effective intervention or treatment of these diseases or disorders, and improve the length and quality of life for these children.

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NATIONAL CANCER INSTITUTE (NCI)

The National Cancer Institute conducts maternal and child health studies in each of the Institute's four program areas: 1) Cancer Biology; 2) Cause and Prevention; 3) Detection and Diagnosis; and 4) Treatment. Research, control, and information dissemination activities are included in this effort.

Cancer Biology Research

Cytogenic studies focus on determining the biological significance of certain chromosomal aberrations prevalent in human neuroblastoma cells. Similar studies investigate the relationship between the occurrence of a sister chromatid exchanges and the evolving cell populations in acute lymphocytic leukemia. A major research effort is directed towards defining and characterizing the nature of the defect in the immunological system that is involved in the immunodeficiency diseases found in children.

The expression and control of bioregulatory macromolecules in embryo-fetal development and the effect of their interactions on cellular proliferation, differentiation and immunocompetence are being studied. These bioregulatory macromolecules, present in mouse placentas, include interferon-like factors, mitogenic stimulating factors and transforming growth factors (TGFs). The objectives of this study are to develop and examine model systems identifying and characterizing fetal and tumor-associated bioregulatory macromolecules and to assess and compare their interactions in cellular recognition and growth regulation processes.

The expression of human placental hormones (such as chorionic gonadotropin) and other placental polypeptides (such as growth factors and placental laminin) is being characterized in normal and malignant trophoblasts in vitro. In addition, type C viral expression in rhesus placenta is being studied in order to establish conditions whereby endogenous retroviruses might be more readily isolated from primate species. The aim is to establish that there is a tissue-specific preference for expression of endogenous type C virus in primate placenta, and to apply principles established in the rhesus system to primate species from which retroviruses have not been isolated. Attempts are also being made to document the expression of transforming growth factors (TGFs) in human placenta, and to use this tissue as an in vitro model system to study the biochemistry of TGF synthesis.

A study is also underway to determine whether effectors of anchorage-independent growth (AIG) are present in amniotic fluid and/or the placenta of human and nonhuman primates. Several classes of TGFs as well as negative effectors of AIG have been found in extracts of human placenta. In addition, both human and monkey amniotic fluid were found to contain a TGF. These findings imply that there is a naturally-occurring, secreted factor which may exert a negative growth regulatory influence on the fetus. Biochemical characterization of this factor, its mechanism of action on sensitive cells, and studies on the regulation of its production are in progress.

Embryonal carcinoma (EC) cells are being used as a model system for the study of cellular differentiation in general and early mammalian development in particular. EC cell lines established from teratocarcinomas can differentiate into a wide variety of embryonic and adult cell types (muscle, nerve, etc.). In many cases, it is possible to direct the differentiation of EC cells to specific cell types by manipulation of their culture conditions. These and other studies demonstrate that the extracellular environment provides important signals able to direct the differentiation of EC cells. The extracellular signals that affect differentiation of EC cells and their molecular modes of action are being examined. The effects of TGFs on EC cells are being evaluated in order to determine whether such factors play a role in embryogenesis. Results thus far indicate that EC cells respond by increased growth to TGFs released by virus-transformed cells; thus, based on the close relationship between mouse EC cells and the cells of the early embryo, TGFs may play a role during early stages of mammalian development.

Cause and Prevention Research

Epidemiologic studies of childhood cancer are being performed to provide etiologic leads into cancer causation. Tumor types under investigation include Burkitt's lymphoma, bladder cancer, Wilms' tumor, retinoblastoma, testicular cancer and brain tumors. African Burkitt's lymphoma (BL) has been related to infection by the Epstein-Barr virus (EBV) and perhaps malaria.

The long-term effects of cancer and its treatment on patients who had cancer during childhood are being evaluated. This case control study, involving 2,854 survivors of childhood cancer, is also designed to assess any adverse effects that might have carried over to the offspring. Information being gathered on this study includes fertility problems, pregnancy wastage, congenital anomalies in cases and offspring, additional primary tumors in cases, cancers in offspring, and psychosocial morbidity. The fertility and reproductive outcome in patients with adult cancers before, during, and after treatment is also being assessed in order to test genetic theories of cancer etiology, to define potential gonadal toxicity of cancer treatment (both teratogenicity and mutagenicity), and to provide needed information for genetic counselling of long-term survivors of cancer.

Data from the Surveillance, Epidemiology and End Results (SEER) Program are used to measure trends in cancer incidence and patient survival and to assess differences in these measures among important population subgroups including children. An investigation of the survival of children with acute lymphoblastic leukemia (ALL) was carried out using data from the SEER Program from 1975-1977. The survey indicated that survival among white children with ALL under the age of 15 years has improved. Statistically significant differences were noted between the 3-year survival rates for children diagnosed in 1973-1975 (59 percent), as compared to those diagnosed in 1976-1977 (71 percent). The 5-year survival rate for those diagnosed with ALL in 1973-1975 was approximately 50 percent, which exceeded the rate reported earlier for those children diagnosed with ALL during the period 1970-1973 (34 percent). As previously observed, children with ALL under the age of 5 years had a better prognosis than children aged 5-14 years. Improvements in survival between 1973-1975 and 1976-1977 were not observed for children with acute non-lymphocytic leukemia.

A case control study of childhood bladder cancer is being carried out in cooperation with investigators participating in the SEER program. The study has been designed to determine whether childhood bladder cancer is associated with pre- or postnatal exposure to known or suspected bladder carcinogens such as artificial sweeteners or cigarette smoke. In another study, the offspring and siblings with Wilms' tumor reported to the Connecticut Tumor Registry during 1935-1973 were surveyed. This study revealed that there was an excess risk of other cancers, including rhabdomyosarcoma and Hodgkin's disease.

The effects of irradiation during childhood on the subsequent risk of developing cancer are also being evaluated. One such project in progress involves a collaborative investigation of 10,000 children irradiated for ringworm of the scalp in Israel. Another study of 3,300 children treated for enlarged tonsils by irradiation or surgery has continued in collaboration with the Children's Hospital and the Peter Bent Brigham Hospital in Boston. Physical examinations are being performed on both irradiated and surgical patients to more accurately determine the frequency of thyroid nodules, and to overcome the potential detection bias of previous studies which screened only radiation-exposed persons. Blood studies will search for radiation effects on the parathyroid and thyroid, and chromosome aberrations in circulating lymphocytes will be evaluated.

A particularly strong area of research has to do with DES (Diethylstilbestrol) exposure in utero and cancer risk. A number of institutions are involved in this research which seeks to test specific hypotheses related to continuing risk of genital tract neoplasia following DES exposure and to investigate further major health issues relevant to the DES-exposed population.

Nonhuman primates are subjected to direct-acting and metabolism-dependent chemical carcinogens by transplacental or direct exposure, and in some cases to agents that promote specific neoplasms in rodents. Pathologic changes, including neoplasms, are being evaluated by histopathology and ultrastructural methods. Results obtained thus far indicate that exposure to carcinogens during the first trimester poses the greatest risk of transplacental carcinogenesis in the offspring.

Attempts are being made to identify and characterize those aspects of morphogenetic differentiation which modify the consequences of prenatal exposure to chemical carcinogens, especially in the nervous and genitourinary systems. The presence of genotoxic damage in target and non-target tissues exposed transplacentally to chemical carcinogens during embryonic and fetal development is being assayed by detection of mutations at three loci in cells cultured from embryos exposed in utero and is being correlated with organ specificity for chemical carcinogenesis by the same agent.

Studies on the factors that modify tissue responses to chemical carcinogens in different organ systems are being carried out in order to evaluate their contribution to changing susceptibilities to carcinogenesis in certain tissues during prenatal and postnatal development. Tissues and organ systems currently under study include the nervous system, kidneys and liver. The modifying processes being evaluated are excision repair of DNA, the changing cellular susceptibility to carcinogens during different stages of the cell cycle, and the role of the enzyme gamma-glutamyl transpeptidase as a determinant of susceptibility to the carcinogen azaserine. These studies are designed to provide information on the biochemical basis of the well-established high fetal susceptibility to chemical carcinogens.

Attempts are also being made to characterize and define the limits of organ specificity exhibited by non-genotoxic tumor-promoters and to utilize these agents to demonstrate the presence of latent, potentially neoplastic cells in organs and tissues which appear to be unaffected by transient transplacental or systemic exposure to genotoxic carcinogens alone.

Detection and Diagnosis Research

Studies of the type and amount of matrix proteins synthesized by "round-cell" tumors of childhood have revealed that each type of these tumors has a unique profile of matrix systhesis. Detection of the matrix protein synthesized by these tumors *in vivo* may prove to be diagnostically useful.

Treatment Research

Patients with a variety of pediatric cancers are treated with experimental regimens in order to improve the therapy of their disease. The diseases studied include: childhood leukemia and lymphoma and a variety of solid tumors involving the nervous system, muscle and bone (neuroblastoma, rhabdomyosarcoma and osteosarcoma and Ewing's sarcoma, respectively). Some of these studies involve the use of conventional chemotherapy agents given at higher doses with increased supportive care including the use of various isolation systems to protect the patient against infection. Another approach is the use of transplantation of the patient's own bone marrow that has been previously stored in order to counteract the effects of chemotherapy. Other studies involve the use of experimental agents that have not been previously administered to children with cancer. In all cases, these studies are accompanied by appropriate laboratory investigations to determine the effect of this treatment on the patient's normal body functions and immune system as well as studies of the effect of treatment on the tumor cells themselves. Other areas of research that are relevant to the treatment of pediatric cancer include indepth studies of how to treat the infectious disease complications that result from chemotherapy treatment as well as how to approach the treatment of pediatric cancers that have spread to the brain and spinal cord.

A large clinical trial of chemotherapeutic agents used to treat brain tumors in children is underway. In addition, results from a study of long-term survivors of childhood cancers have shown that many survivors of brain tumors in childhood have a high level of performance as measured by occupation, educational attainment and reported physical disabilities. Other findings in this group included an excess of thyroid dysfunction after high doses of radiotherapy, a high frequency of adverse effects (particularly kyphoscoliosis) among patients treated in the first months of life, low birth-weight infants born to women irradiated for Wilms' tumor in childhood, and susceptibility to radiation-induced breast cancer after chest radiotherapy.

Cancer Control

Research relating to maternal and child health covers a variety of topics across the cancer control spectrum. Research in methods of preventing cancer, particularly related to smoking and other health habits is included, as is research on methods to improve treatment in pediatric and adolescent populations. Some aspects of the research seek to improve regional cancer control programs for pediatric patients and are providing appropriate mechanisms for referrals and implementing systems for performance evaluation. A number of psychosocial aspects are also included in, for example, pain and anxiety research in children with acute leukemia, as well as the treatment of distress related to bone marrow aspiration and lumbar puncture procedures.

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NATIONAL INSTITUTE OF DENTAL RESEARCH (NIDR)

The National Institute of Dental Research conducts and supports research related to maternal and child health through its three components--the Intramural Research Program, the Extramural Programs, and the National Caries Program. Studies in areas, such as developmental biology, craniofacial anomalies, acquired defects, nutrition, dental fear and anxiety, and dental caries are among the Institute's chief concerns.

Investigators in NIDR's Intramural Research Program are exploring the role of environmental agents and genetic factors in oral-facial malformations. Working in the fields of molecular, developmental, and cell biology, these researchers are striving to increase knowledge of inherited and acquired oral-facial defects so they may ultimately be prevented. Included are studies on the molecular basis for genetic susceptibility to certain teratogens, as well as studies to define the key biochemical steps in normal development. Tests of new drugs and substances to determine their teratogenic potential are also conducted.

Because bones and teeth are critically involved in the development, growth, and function of the orofacial region, the processes by which their growth is regulated are under investigation. Thus, researchers are seeking to identify both normal and abnormal mechanisms in tooth, bone, and cartilage formation.

Within the Extramural Programs, the NIDR also supports extensive research on normal and abnormal craniofacial growth, development, and function. Emphasis is placed on research pertaining to the etiology, prevention, diagnosis and treatment of such conditions as cleft lip and palate, craniosynostosis, and hemifacial microsomia. Several studies currently underway are examining neural crest cell migration and distribution because disturbances in these processes apparently cause craniofacial anomalies. In other studies, scientists are looking at the role of excessive vitamin A intake in causing inhibition of cartilage and membrane bone formation; whether steroids can induce cleft palate in humans and if genetic factors play a role; and treatment for tumors, skeletal dysplasia, and other traumatic conditions in children.

Zinc deficiency in young children and its effect on skeletal and dental tissue is another area of interest to NIDR-supported scientists. These investigators have demonstrated that rats born to mothers subjected to zinc deficiency during the last week of gestation and the following 18 days of lactation are more susceptible to dental caries than controls.

The behaviors and attitudes of children participating in a fluoride mouthrinse program, as well as the health attitudes and behaviors of their mothers is under investigation by extramural scientists. The results show that simple recording and self-reinforcement procedures, which can be easily taught to young children, greatly increase consistency in use of the fluoride mouthrinse.

Other NIDR research focuses on ways of reducing dental anxiety, which often begins in childhood. Methods to reduce disruptive behavior in young dental patients are also being examined.

Research conducted by the National Caries Program is directed toward eliminating dental caries, one of the most common diseases among children. The NCP has played a major role in promoting the use of fluoride, the most effective agent known to increase the resistance of teeth against decay. Results published in 1982 from the NCP-sponsored National Dental Caries Prevalence Survey indicate that tooth decay among school children has decreased about 30 percent in all areas of the U.S. during the past decade because of the more widespread use of fluorides through community water fluoridation, school-based fluoride mouthrinse and tablet programs, and fluoride toothpastes.

NCP scientists have also found that plastic sealants applied to the chewing surfaces of children's back teeth effectively guard these susceptible areas against decay.

Other research involves the identification and development of substances that can be added to sugars to decrease their decay-promoting potential or that can serve as sugar substitutes.

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)

The National Institute of Environmental Health Sciences (NIEHS) has the broadest responsibility among Federal agencies for the support of research and the training of research manpower in the area of the effects of chemical environmental agents on human health. Its primary mission is to conduct and support biomedical research that will identify, characterize, and aid in preventing adverse effects of these agents on human health, including maternal and child health. The research is essential to development of strategies and technologies that will prevent human disease caused by environmental agents.

NIEHS research activities generally fall into three separate but highly interrelated and interdependent areas:

1. Research aimed at identifying the fundamental processes through which environmental agents damage biological systems so that measures can be devised for detecting health effects and evaluating their consequences.
2. Research aimed at developing, validating, and applying specific test systems that detect and characterize the toxicity of chemical agents found in the environment.
3. Research activities which extend laboratory studies to risk assessment and epidemiology.

Most of NIEHS' research and development activities can be divided between basic toxicology research and toxicology method development and validation. For the most part, the Institute's toxicology testing is conducted under the National Toxicology Program (NTP)--which is administered out of NIEHS--through its collaborative research program, especially in the areas of carcinogenesis testing, toxicologic characterization of effects other than carcinogenesis, and mutagenesis testing. Epidemiological studies related to chemical exposure are carried out through the collaborative research program also.

Basic toxicology research supported by NIEHS is aimed at identifying the toxicity of environmental chemicals, characterizing their metabolic fate, and gaining an understanding of the biological and biochemical mechanisms involved in environmentally-related diseases. Research subjects range from population groups and whole organisms to the molecular level. This research may focus on effects and underlying principles that apply to one of several organ systems and tissues, or it may focus on disease states (e.g., carcinogenesis, mutagenesis, or teratogenesis) in specific target organs.

Through its Toxicology Research and Testing Program (TRTP), the Institute is supporting research and testing in the area of maternal and child health. This work includes: (1) conventional teratology studies to determine the potential for chemicals to cause birth defects in offspring and to generate hazard data on chemicals that pose significant exposure potential for pregnant women; (2) development of a testing system to provide information on a chemical's potential to influence fertility and to affect offspring development after gestational, lactational, and direct exposure to the test chemicals; (3) evaluation of a screening system for reproductive toxicants that are active in pregnant females; (4) research into the processes of mutation in mouse germ cells; and (5) testing of chemicals to identify those capable of inducing heritable germ cell mutations, and to generate data that will contribute to the assessment of human genetic risk associated with exposure to such chemicals. Although the testing efforts carried out by TRTP do not focus on mothers, fetuses, infants, or children, the health risks investigated in this program directly affect this group. During FY 1983, TRTP plans to compare the toxicologic and carcinogenic consequences of perinatal and chronic exposure to toxic chemicals with effects observed when exposure occurs only in young adult animals. The data from these studies may aid in assessment of the health hazard posed by such chemicals to the general population, and provide a better understanding of the mechanisms underlying the increased risk to offspring caused by exposure of mothers to these chemicals.

Through its Extramural Program (EP), NIEHS supports a substantial amount of university-based research with implications for maternal and child health. The preponderance of projects are looking at the implications for offspring of maternal exposure to hazardous substances. Various heavy metals are being studied for their neurotoxic effects on the developing nervous system. Emphasis is placed on utilizing those animal and in vitro models that most directly allow testing of the hypothesis that the developing nervous system is more sensitive than the mature system to metals, such as methyl mercury, lead, and aluminum. Other research projects are examining the effects of prenatal exposure in utero to low levels of pesticides. Various levels of Kepone exposure are being studied for their effect on reproductive capability and to determine whether testicular damage can be reversed after exposure is discontinued. Currently, EP is supporting an animal study to examine the potential of low levels of polybrominated biphenyls (PBBs) to induce lasting change in behavior. An earlier study of children exposed to PBB indicated they may show subtle disturbances in learning patterns, but conclusive evidence of perinatal toxicity in humans has not yet been demonstrated. Research on polychlorinated biphenyls (PCBs) also is being supported. One study in particular is looking at the effect that various doses fed to lactating rats have on offspring reproductive ability, mating behavior, and activity and learning when they reach adulthood. There is particular interest in determining if any effects are apparent immediately upon reaching maturity or if the effects are delayed.

Scientists in the Biometry and Risk Assessment Program (BRAP) are involved in studies of: (1) toxic effects of chronic low-dose organochlorine, including PCBs, exposure in children; (2) genetic differences in susceptibility of children to the effects of lead on blood formation; (3) chronic disease or cancer epidemiology, including a preliminary investigation into the etiology of Reye's Syndrome, an investigation into the relationship of maternal smoking and subsequent cancer, and an investigation into the relationship of environmental factors and chronic renal failure; (4) development of techniques for identifying genetic damage and alterations in metabolism associated with human exposure to potentially toxic substances, and use of these techniques in epidemiologic studies; and (5) development of sound epidemiologic methods for measuring human reproductive outcomes (e.g., fertility, sub-clinical early fetal loss, spontaneous abortion, fetal growth, birth weight) and for clarifying the relationship of those outcomes to specified environmental exposures. With regard to the latter, BRAP has initiated a collaboration with NICHD for the study of early pregnancy loss. A pilot study, which is intended to be the basis for a larger study of environmental effects on very early fetal loss, is in progress. During the study, a newly-developed laboratory assay will be applied to monitor early pregnancy loss.

Research studies conducted by NIEHS' Intramural Research Program (IRP) in the area of maternal and child health include studies of: (1) normal and abnormal development through use of embryo culture techniques to develop in vitro test systems for determining the effects of chemicals or drugs on the embryo and fetus; (2) mechanisms of teratogenesis and craniofacial development through use of both whole animal, as well as cell and organ cultures to define the genetic and environmental factors involved in normal and abnormal craniofacial development of the fetus; (3) effects of prenatal exposure to chemicals on genital tract development and function; and (4) effects of environmental chemicals on preovulatory oocytes and preimplantation embryos, as well as on subsequent embryonic development. Some significant research advances have developed in the IRP. For example, an animal model has been developed that closely approximates the reproductive tract abnormalities, including cancer, seen in young men and women exposed prenatally to diethylstilbestrol (DES), a synthetic hormone once used as a "morning-after" contraceptive and as a livestock feed additive. This animal model is being used to study the further development of tumors and reproductive problems in this population, as well as to assess the potential of other estrogenic environmental chemicals to produce similar toxicity.

As a result of the widely ranging research NIEHS is conducting and supporting, the Institute hopes to develop answers to some very fundamental questions about the relationship between environmental factors and human health and development.

NATIONAL EYE INSTITUTE (NEI)

The National Eye Institute supports basic and clinical research related to maternal and child health in a wide range of subjects and approaches--from normal development of the eye and its component parts to congenital and childhood diseases. Each of the five NEI extramural programs and the intramural program supported some research relevant to maternal and child health in FY 1982.

The Retinal and Choroidal Diseases program supported studies of the normal and abnormal development of the retina and choroid. Funding was also provided for research on a number of disorders of the retina and choroid which primarily affect infants and children, including retinitis pigmentosa and allied disorders, retrolental fibroplasia (retinopathy of prematurity), and retinoblastoma.

The Corneal Diseases program funded research related to maternal and child health in three distinct areas:

1. In normal corneal development, some studies attempted to gain insight into the complex cell-cell, cell-matrix, and cell-humoral interactions which take place in the cornea during embryonic development. Much information has been obtained about such interactions from research conducted on model systems, chiefly the chick cornea.

2. A number of grants explored the factors responsible for the specific differentiation of ocular surface epithelium into conjunctival or corneal types.

3. Infectious ocular diseases of the newborn were studied using two different approaches: one directed at isolating and identifying the strains of herpes virus in ocular fluids from children born of mothers suffering from genital herpes; the second, at exploring ways to prevent the development of inclusion conjunctivitis and pneumonia in the newborn of mothers known to be at risk from chlamydial cervicitis.

In the Cataract program, four areas of research were relevant for inclusion in the Inventory:

1. Research was aimed at determining the critical period when congenital cateracts should be removed, and when infants should be fitted with contact lenses, allowing normal visual input to the retina. Also, a colony of carrier and congenitally cataractous miniature schnauzer dogs has been established as an animal model.

2. Several investigators were studying the various factors which affect lens development and differentiation.

3. As with other proteins in the body, lens proteins change with age, a process that often leads to cataract. Some NEI-supported investigators were working to uncover some of the factors leading to cataractogenesis

by comparing lens tissues from humans at various stages of development, from embryo to old age.

4. The NEI funded studies utilizing molecular biological techniques for analyzing differences in normal and genetically-altered lenses, and which included specific markers for lens fiber differentiation in embryonic eye tissue at various stages of development.

The Glaucoma program supported research in the following areas related to maternal and child health:

1. In one project, the entire spectrum of congenital, developmental, and childhood glaucomas was investigated, with the goal of defining their etiology, pathogenesis, clinical characteristics, and responses to therapy. A major objective was to develop a uniform system of terminology to aid in classification and diagnosis.

2. A second project was concerned with studying the roles of ciliary epithelial cells in the production of aqueous humor and their interactions with the tissues constituting the blood-aqueous barrier. The ultrastructure of the tissues in the outflow pathways for aqueous humor was also studied. A significant effort was devoted to studies of fetal tissues in primates and in other animals.

3. The third project included studies concerned with the ultrastructure of the trabecular meshwork area, which is implicated in the pathogenesis of glaucoma. Quantitative measurements of specimens obtained at surgery, autopsy, or from eye bank eyes have indicated that eyes with glaucoma have fewer endothelial cells than normal eyes on an age-adjusted basis. This suggests either that glaucoma represents a premature aging process or that eyes destined for glaucoma have fewer cells than normal eyes. Several specimens from eyes with congenital and childhood glaucomas have been collected for analysis.

A significant portion of the research supported in the Strabismus, Amblyopia, and Visual Processing program in FY 1982 dealt with visual development in infants and children, as well as development of the visual system of animals from the fetal stage onward. Maternal factors were being investigated in studies of oculomotor characteristics of the parents of strabismic children.

Studies in animals of the development of the visual system included research on: the formation, structure, function, and organization of cells in the developing visual system; the development of neuronal connections that are important in visual processing; the role of molecular substances in guiding normal or abnormal development; and the development of visual capabilities as determined by behavioral and electrophysiological methods. Research involving infants and children utilized behavioral and other non-invasive approaches to study the normal and abnormal development of the human visual system and the factors that influence such development. This research included the development of improved screening methods for the widespread detection of visual abnormalities in young infants and children.

The NEI Intramural program was expanded in FY 1982 to include a new Laboratory of Molecular and Developmental Biology. The goal of this Laboratory is to understand the genetic and molecular foundations of the normal eye, including fundamental biochemical processes involved in development and disease. Research conducted by the Laboratory included study of the molecular biology of eye development by isolating cDNA clones to study high molecular weight lens proteins, determination of whether the regulation of lens fiber differentiation and maturation is associated with alterations in the plasma membrane, and identification of the principal lipid and protein components of embryonic and adult chicken lenses and their metabolism.

Other NEI intramural research included an investigation of the relationship between differentiation of neural crest tissue and congenital and/or developmental anomalies of the anterior chamber and a study of the formation of neural retina from retinal pigment epithelium of chick embryos in culture.

The NEI intramural program was expanded in FY 1982 to include a new laboratory of Molecular and Developmental Biology. The goal of this laboratory is to understand the genetic and molecular foundations of the normal eye, including [illegible] processes involved in development and disease. Research conducted by the laboratory included a study of the molecular biology of eye development, including [illegible] to study high molecular weight lens proteins, determination of whether the regulation of lens [illegible] mutation and expression is associated with alterations in the plasma membrane, and identification of the [illegible] lipid and protein components of embryonic and adult chicken lenses and their [illegible].

Other NEI intramural research included an investigation of the relationship between [illegible] and/or develop-mental [illegible] and a study of the formation of neural retina [illegible] chick embryos [illegible].

1. [illegible]

2. [illegible]

3. [illegible]

[illegible]

[illegible]

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT (NICHD)

CENTER FOR RESEARCH FOR MOTHERS AND CHILDREN

The Center for Research for Mothers and Children (CRMC) is concerned with the special health problems of mothers and children including the following current examples:

The Reduction of the Incidence of Low Birth Weight Infants. Because there is an excess of very low birth weight infants in this country - a group which accounts for the higher perinatal mortality - the Center is seeking to identify biological factors that predict women at risk for low birth weight infants, develop understanding and strategies for preventing maternal behavior that adversely affects fetal growth (smoking, alcohol, drugs), describe the events precipitating labor, and find ways of stopping premature labor.

The Reduction of Risks for Pregnant Diabetic Women. Perinatal mortality of infants born to diabetic mothers was once four times higher than normal and diabetic mothers had twice the risk of death. Investigators supported by the NICHD have shown that rigid control of diabetes can bring the infant and maternal death rates to nearly normal. A major clinical trial is currently under way to determine whether careful control of diabetes before conception and during the first trimester, when the organs develop, will lower the incidence of birth defects in the infants.

breast Feeding. The number of women in the U.S.A. who breast feed their infants has increased from 24.7 percent in 1971 to 56.4 percent in 1981. This shift is related to publicity accorded the research findings that the constituents of human milk prevent disease and promote the well-being of the infant.

Prevention of Respiratory Distress Syndrome (RDS). Researchers have used animal models to understand the maturation of the fetal lung and the synthesis of surfactant, a substance in the lung necessary to prevent RDS, which affects some 40,000 infants a year. As a result of these studies, a test to predict lung maturity is available, and we now have a treatment to accelerate the synthesis of surfactant during the last stages of pregnancy.

Phenylketonuria (PKU). Screening and treating infants with PKU with a special diet have prevented or ameliorated mental retardation in about 200 children annually. This has introduced a new medical problem - women with PKU are bearing children who are retarded. The dietary management of the pregnant patient with PKU is now being investigated in an animal model, and clinical investigations into the most effective mode of management are planned for 1984.

Risk-taking Behavior. Institute researchers are identifying psycho-social factors in children that lead to attitudes or behaviors that endanger health or safety. This research is of high priority since accidents remain a major cause of morbidity and death in children. Equally important is the prevention of development of those lifestyle behaviors that include smoking, and alcohol and substance abuse, since they have such a profound influence on long-term health.

The CRMC develops and supports research and research training in the biomedical, social and behavioral sciences, in basic and clinical investigations.

The Center administers its programs through three Branches: Clinical Nutrition and Early Development, Human Learning and Behavior, and Mental Retardation and Developmental Disabilities.

Clinical Nutrition and Early Development Branch

The Clinical Nutrition and Early Development Branch supports basic and clinical research on the various aspects of biological development, pregnancy, nutrition and growth. The Branch includes three Sections.

Genetics and Teratology Section - This Section supports research in four emphasis areas:

1) Developmental Genetics -
Research is directed toward elucidating the hereditary influences underlying developmental disorders and understanding the hereditary instructions for the developmental process.

2) Developmental Biology -
Studies are supported to determine the mechanisms underlying human development, as well as how specialized tissues and organs form.

3) Teratology -
Research in this area assesses adverse genetic and environmental influences on development, and seeks to clarify mechanisms by which developmental aberrations are produced.

4) Developmental Immunology -
The goal of this program area is to understand maturation of the immune system and responses to neonatal infections. Also included are studies of adverse pregnancy and early postnatal outcomes produced as a consequence of immunologic responses or immaturity of the defense system.

Pregnancy and Perinatology Section - This Section supports research in five emphasis areas:

1) High-Risk Pregnancy -
This area is concerned with those factors, both normal and abnormal, which influence the course and outcome of pregnancy.

2) Fetal Pathophysiology -
Research is supported on studies of the physiologic, metabolic, endocrinologic, and pharmacologic events related to abnormal development of the fetus.

3) Premature Labor and Birth -
Studies are supported to understand the factors affecting the initiation and completion of labor, and the physiology, endocrinology and pharmacology of parturition.

4) Disorders of the Newborn -
Basic and clinical studies are supported concerned with the etiology, pathophysiology, therapy and follow-up of conditions and syndromes, such as asphyxia, respiratory distress, hypoglycemia, hyperbilirubinemia, anemia, infections, and congenital malformations.

5) Sudden Infant Death Syndrome -
Studies are supported to elucidate underlying mechanisms of the syndrome and its probable cause(s); to identify infants at risk of becoming its victims; and to develop preventive approaches.

Nutrition and Endocrinology Section - This Section supports research in five emphasis areas:

1) Maternal-Fetal, Infant, Child and Adolescent Nutrition -
Studies are supported to understand the complex nutritional relationship that exists between the mother and her fetus, the placental transfer of nutrients, and the role of nutrition in infant and adolescent development.

2) Growth and Growth Factors -
Basic research in endocrinology and neuroendocrinology is supported to understand the factors that interact to influence normal growth and development or to result in growth retardation.

3) Nutritional Status Assessment -
Studies are supported to develop new non-invasive methods for assessing nutritional status, particularly during infancy, adolescence, pregnancy, and lactation.

4) Cultural and Behavioral Aspects of Nutrition -
Studies are supported to understand cultural and behavioral determinants of nutritional individuality and eating habits, taste, olfaction, and food avoidances.

5) **Antecedents of Adult Disease** -
Studies are supported to understand childhood obesity and insulin resistance. Special concern is directed toward methods for detecting potential diabetics in childhood.

Human Learning and Behavior Branch

The Human Learning and Behavior Branch supports basic research and research training on normative behavioral development from birth to the beginning of adulthood. The program, which focuses upon biological, psychological and social factors which influence behavioral development, is divided into five major elements:

1) Biological Basis of Behavioral Development

Research is directed toward elucidating biological correlates of behavioral development.

2) Learning and Cognitive Development

Research is supported to understand basic learning mechanisms which are necessary for optimal behavioral development. In addition, support is given for studies of perception, cognition and memory.

3) Communicative Abilities

Research is supported to understand the acquisition and development of speech, language and reading ability in children. Studies are also supportive on dyslexia, a puzzling and complex disorder.

4) Social and Affective Development

Research is supported to gain an understanding of the basic behavioral, psychological and genetic mechanisms involved in normal social and emotional development in children.

5) Behavioral Pediatrics

Research is focused upon applying principles of human behavior and learning to health and illness behaviors of children, and in some cases significant adults in a child's environment to gain an understanding of which behavioral mechanisms are instrumental in promoting health and preventing disease in pediatric populations.

Mental Retardation and Developmental Disabilities Branch

The Mental Retardation and Developmental Disabilities Branch sponsors research and research training aimed at preventing and ameliorating mental retardation and related developmental disabilities. The program involves a full range of biomedical and behavioral research. The Branch administers the Mental Retardation Research Centers which conduct multidisciplinary research on mental retardation and related aspects of human development.

Biomedical Research in Mental Retardation Genetics and Genetic Disorders -

1) Genetic or genetically influenced conditions
2) Toxicology and Environmental Factors
3) Diagnosis of Mental Retardation
4) Pathophysiology of Mental Retardation
5) Epidemiology of Mental Retardation
6) Prevention and Amelioration of Mental Retardation

Behavioral and Social Science Research in Mental Retardation -

1) Early Identification and Interventions for Infants and Young Children at Risk for Mental Retardation
2) Learning, Cognition and Memory
3) Family Relationships
4) The Mentally Retarded in Community and Institutional Settings
5) Communication and Language
6) Effect of Teratogens on Behavior, Cognition and Social Functioning

NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)

The mission of the National Heart, Lung, and Blood Institute is to prevent cardiovascular, pulmonary, and blood diseases, to control their complications, and to improve the management and utilization of the nation's blood resources. To achieve these goals for the benefit of people of all ages and in all stages of development, including the pregnant woman, the fetus, the newborn, the child, and the young adult, the Institute conducts and supports a comprehensive program of biomedical research in various modes including basic research, applied research and development, clinical investigation, clinical trials, demonstration and education, prevention and control, and training and development. Execution of the research program involves several mechanisms including intramural research, contracts, grants, and scientific training and career development.

Projects included in the NHLBI data base for maternal and child health-related research do not necessarily fall into one mode or another. Rather, they are contained within the research program as a whole, drawing on one or several approaches to achieve a given objective. The following narrative illustrates NHLBI research related directly or indirectly to maternal and child health.

Basic research projects have included investigations of plasma lipoproteins, atherogenesis, hypertension, structural components of the lung, cystic fibrosis, respiratory distress syndrome, blood coagulation, and membrane and red cell dysfunction in certain inherited blood diseases. For example, in cardiovascular research, investigators have studied fetal and neonatal cardiovascular function to establish intrinsic and neurogenic control of the fetal, neonatal, and maturing circulation. Other studies have focused on myocardial performance in the diabetic newborn, the growth and differentiation of skeletal and cardiac muscle, and the mechanisms that control the morphological development of the early embryonic heart. Examples of basic pulmonary research have included investigation of the composition and secretion of mucus in cystic fibrosis and other lung diseases, such as asthma and chronic bronchitis. Other investigations have focused on the development and control of disorders of alveolar stability, and the response of the growing lung to injury. Basic investigations in blood diseases have included research on abnormalities of the surface and the interior of the red cell in inherited hemolytic anemia. Intramural research projects related to maternal and child health have included studies on the organization of neurotransmitter receptors and the factors that regulate their distribution and on the transport and toxicity of bilirubin in the newborn.

Specialized Centers of Research (SCORs) facilitate the execution of basic and clinical research by advancing basic knowledge and generating the most effective techniques and methods of clinical management in specific disease areas. For example, researchers have investigated the causes, mechanisms, and treatment of hypertension, including such aspects as sodium balance, the renin-angiotensin system, and steroids in relationship to toxemia in pregnancy. At another center focusing on atherosclerosis, researchers have investigated coronary risk factors and their interrelationships and changes over time. Specific populations under investigation included school-age children to determine the potential interaction of hyperlipidemia, hypertension, and obesity. Genetic constitution, as well as diet during infancy have also been investigated to determine their relationship to individual susceptibility to arteriosclerosis. Research in pulmonary centers has included a study of pulmonary function in the newborn, adaptation to extrauterine life, nutrition and metabolism in infant lung disease and prevention and treatment of respiratory distress syndrome in the newborn. Other studies have focused on lung injury resulting from childhood diseases, pulmonary hypertension, chronic diseases of the airways, and the development of potential indices for the fetus or the infant at risk of developing hyaline membrane disease. Comprehensive centers for sickle cell research continue to provide a broad program for patients and their families to solve the multiplicity of problems inherent in sickle cell disease. Studies have included the physical-chemical nature of the sickling process, accurate and definitive diagnosis including prenatal diagnosis, and determination of the most effective forms of treatment. Also of relevance to the treatment of children was a study focusing on the synthesis of fetal hemoglobin in human red blood cells.

In applied research and development, investigators have been involved in the development of improved means for the diagnosis, prevention, and treatment of pediatric atrial arrhythmias, as well as for congenital heart disease. Also, researchers continued to seek easily applied and safe tests for lung function in very young children. Other studies included better detection of lung disease through improved or new non-invasive devices for the newborn and the child. In the area of blood diseases and resources, applied research and development has contributed to an increase of lifespan and of the quality of life for hemophiliacs of all ages through the improvement of methods to prepare concentrates of Factors VIII and IX from large pools of blood and through home treatment programs for the afflicted child and adult.

In clinical investigation, continued progress has been made toward early diagnosis and surgical treatment of congenital heart lesions. Initial success with the ability of indomethacin to close patent ductus arteriosus led to a clinical trial to compare surgical closure with medical therapy for this condition suggesting that the use of indomethacin makes surgery unnecessary in 40 percent of the cases. In the area of hypertension, studies were undertaken seeking potential biochemical markers to facilitate early detection of people at risk of developing hypertension. Other relevant studies included the investigation of anti-sickling agents to reduce the severity of anemia and the frequency of crises without significant side effects. Intramural studies have included the development of guidelines for most effective post-operative cardiac care of the infant and the child.

Clinical trials of importance to child health included the Hypertension Detection and Follow-Up Program, and a study of the newborn and the adolescent as part of the Lipid Research Clinic Program. In pulmonary research, studies have recently been completed on the use of extracorporeal membrane oxygenators in patients with acute respiratory failure. Another clinical trial of relevance has been the Neonatal Respiratory Distress Syndrome Prevention Trial which focused on primary prevention of this problem in the newborn and, particularly, the premature infant. Further assessment of the administration of continuous positive airway pressure to increase survival in the infant with respiratory distress syndrome is continuing. A cooperative study of the clinical course of sickle cell disease continued to identify and evaluate the factors that determine the clinical course and presence or absence of complications in the child and the adult.

Demonstration and education programs have been testing methods of introducing the delivery of health care advances to the public. Demonstration programs of relevance to maternal and child health care have included the National High Blood Pressure Education Program designed to increase the awareness of the physician, health professional and the public to the risk factors for hypertension at all ages, including the teenager and the young adult. A pulmonary health education program has sought to determine what causes junior high school students to smoke, and what measures are necessary to counteract such behavior. Sickle cell centers facilitated education and counseling in sickle cell disease and included programs to educate school children about the condition.

Research training and career development is essential to the National Program of the NHLBI. Some of the training grants support work in areas directly related to child health. Such grants are applied to research in cardiovascular abnormalities in infancy, childhood, and adolescence; in pediatric cardiology; in pulmonary development, function, and disease in the newborn; in pediatric pulmonary disease and cystic fibrosis; and in developmental hematology and the pathophysiology of blood cell disorders. Other institutional grants support research from a more general perspective but may include the support of one or more trainees in areas related to child health or human development, such as in cardiovascular epidemiology and transfusion medicine.

NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE (NINCDS)

NINCDS conducts and funds studies on the human fetus, infant and child, exploring features of (a) normal growth and development, as well as (b) selected diseases/disorders and their underlying physiopathogenesis.

(a) More specifically, a variety of multidisciplinary in vivo/in vitro animal studies, encompassing, as needed, embryology, physiology, molecular biology, anatomy, endocrinology, genetics, etc., focus on a variety of topics: nerve, glial and muscle cell lines; neurones; synaptic membranes; neural plasticity and regeneration; fetal brain; cerebral cortex; spinal cord; spinocerebellar system; inner ear; olfactory bulb; spinal neurons; prefrontal cortex; sympathetic junction; placental tissue; neurological mutants; brain membranes; brain catecholamines; muscle differentiation; cerebral specialization; axonal sprouting; synapses; skeletal muscle regeneration; nerve factors; cerebral circulation; neurotransmitter correlates; and birth weight-gestational age correlation with development.

(b) A number of diseases/disorders in infancy and children are being studied, utilizing basic, clinical, and epidemiological methodologies of biomedical and behavioral research: stuttering; autism; language impairment (functional and organic); C.N.S. injury (head and spinal cord); communicative disorders; otitis media; epilepsy and convulsive disorders; deafness; mental retardation; neonatal undernutrition; antenatal (maternal) influences on neurobiological abnormalities; perinatal infections and pregnancy outcome; minimum brain dysfunction; visual abnormalities; learning disorders; natural history of cerebral palsy; obstetrical medication and pregnancy outcome; and hyperactive children.

DIVISION OF RESEARCH RESOURCES (DRR)

The Division of Research Resources' maternal and child health support covers fertilization, pregnancy, prenatal development and postnatal development through adolescence. These studies involve both health and disease and are supported through five programs.

The General Clinical Research Centers Program has a strong emphasis in this area since ten clinical centers are devoted exclusively to pediatric clinical research, five are adult-child centers, and fifty-three admit children where appropriate, for clinical research.

The Biomedical Research Support (BRS) Program also covers similar clinical research, but it has a larger percentage of basic research. In addition, there are many behavioral and social science-related subprojects. This Program reflects NIH support in any given scientific area since receipt of a BRS grant currently requires a $200,000 minimum threshold of PHS support.

The Animal Resources Program shares an interest in reproduction through the use of animals. Reproductive studies involve in vitro and in vivo fertilization, ovarian and gonadal function, pregnancy detection and fetal development through adolescence. Deleterious reproductive effects of chemicals, drugs or contraceptive devices can be validated prior to use in humans.

The Biotechnology Resources Program supports high technology resources which are well suited to analyze basic chemical structures and study their interaction. Analyses involve DNA content of trophoblast prior to implantation, detection of ovulation, estriols in urine, amniotic fluid steroids at midgestation, urea cycle deficiences, riboflavin excretion, and synthesis of contraceptive drugs, just to mention a few.

The Minority Biomedical Research Support Program provides institutional support to enhance the development of minority faculty and students in basic research. Related maternal and child health basic research in this Program deals primarily with fertility, reproduction, and prenatal development.

NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES

F32 AI05940-03	MAPPING OF HSV DNA BY MUTAGENESIS AT SPECIFIC SITES LEMASTER, SAUNDRA L COLD SPRING HARBOR LABORATORY COLD SPRING HARBO N Y	13,438
F32 AI06165-02	QUANTITATIVE ANALYSIS TRANSMISSION OF HEPATITIS B DICKIE, ELIZABETH R STANFORD UNIVERSITY STANFORD CALIF	17,040
F32 AI06189-02	HEAMOPHILUS INFLUENZAE: OUTER MEMBRANE PROTEIN ANTIGENS STULL, TERRANCE L CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR SEATTLE WASH	20,892
F32 AI06202-02	EFFECT OF TYPE I & II INTERFERON ON CHLAMYDIA ROTHERMEL, CONSTANCE D CORNELL UNIVERSITY MEDICAL CENTER NEW YORK N Y	19,040
F32 AI06549-02	CLONING OF TE PALLIDUM DNA CODING FOR SURFACE IMMUNOGENS STAMM, LOLA V UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	4,917
F32 AI06595-01	CHARACTERIZE IBC PROTEIN ANTIGEN OF B STREPTOCOCCUS ZALEZNIK, DORI F HARVARD UNIVERSITY BOSTON MASS	19,236
F32 AI06717-01	IMMUNOLOGY OF HUMAN IGG SUBCLASS DEFICIENCY YOUNG, MICHAEL C CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	18,468
F32 AI06723-01	STUDIES ON THE ANTIGENS OF TOXOPLASMA GONDII MC CABE, ROBERT E PALO ALTO MEDICAL RESEARCH FOUNDATION PALO ALTO CALIF	20,892
F32 AI06726-01	HEMOPHILUS INFLUENZAE ANTIBIOTIC RESISTANCE MECHANISMS BURNS, JANE L UNIVERSITY OF WASHINGTON SEATTLE WASH	19,236

F32 AI06733-01	THE STUDY OF ROTAVIRUSES WITH MONOCLONAL ANTIBODIES OFFIT, PAUL A CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA PA	20,892
F32 AI06759-01	COMPLEMENT ACTIVATION BY TYPE B HAEMOPHILUS INFLUENZAE STEELE, NORMAN P WASHINGTON UNIVERSITY SAINT LOUIS MO	21,780
K04 AI00229-05	THE BIOLOGY AND GENETICS OF HUMAN CYTOMEGALOVIRUS HUANG, ENG-SHANG UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	38,172
K04 AI00265-05	DEVELOPMENT OF B-CELL FUNCTIONAL HETEROGENEITY KINCADE, PAUL W SLOAN-KETTERING INSTITUTE FOR CANCER RES NEW YORK N Y	6,804
K04 AI00300-03	PATHOPHYSIOLOGY OF BACTERIAL INDUCED CNS INJURY MOXON, E RICHARD JOHNS HOPKINS UNIVERSITY BALTIMORE MD	38,988
K04 AI00323-04	PATHOGENESIS/PREVENTION OF GROUP B STREPTOCOCCAL DISEASE BAKER, CAROL J BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	38,561
K04 AI00328-04	ROLE OF SERUM IGA IN SUSCEPTIBILITY TO BACTERIAL DISEASE GRIFFISS, JOHN M HARVARD UNIVERSITY BOSTON MASS	39,150
K04 AI00373-03	CYTOMEGALOVIRUS TRANSCRIPTION AND TRANSLATION STINSKI, MARK F UNIVERSITY OF IOWA IOWA CITY IOWA	38,659
K04 AI00382-03	MECHANISMS OF INTRACELLULAR PATHOGENESIS REST, RICHARD F UNIVERSITY OF ARIZONA TUCSON ARIZ	37,328
K04 AI00403-03	PATHOGENESIS OF HERPESVIRUS INFECTIONS OAKES, JOHN E UNIVERSITY OF SOUTH ALABAMA MOBILE ALA	38,726

K04 AI00558-05	DEVELOPMENT OF B-LYMPHOCYTE FUNCTIONAL METEROGENEITY KINCADE, PAUL W OKLAHOMA MEDICAL RESEARCH FOUNDATION OKLAHOMA CITY OKLA	32,400
K06 AI20517-20	VIRUSES, VACCINATION AND ANTIVIRAL IMMUNITY QUILLIGAN, JAMES J, JR LOMA LINDA UNIVERSITY LOMA LINDA CALIF	34,290
K07 AI00343-04	MECHANISM OF VIRUS INDUCED ASTHMA BUSSE, WILLIAM W UNIVERSITY OF WISCONSIN MADISON MADISON WIS	44,604
K08 AI00509-01	TOXOPLASMA GONDII--ANTIGENIC CHARACTERIZATION KASPER, LLOYD H DARTMOUTH COLLEGE HANOVER N H	46,587
K08 AI00517-01	PATHOPHYSIOLOGIC MECHANISMS IN BACTERIAL MENINGITIS SCHELD, W MICHAEL UNIVERSITY OF VIRGINIA CHARLOTTESVILLE CHARLOTTESVILLE VA	47,019
N01 AI02660	ESTABLISHMENT OF AN INFECTIOUS ENTERIC DISEASE STUDY CEN SACK, R. BRADLEY JOHNS HOPKINS UNIVERSITY BALTIMORE MD	410,796
N01 AI02661	TREATMENT PRIMARY GENITAL HERPES WITH INTERFERON HO, MONTO UNIVERSITY OF PITTSBURGH PITTSBURGH PA	128,215
N01 AI12667	CLINICAL TRIALS ON EFFICACY OF ANTIVIRALS FOR TREATMENT OF H WHITLEY, RICHARD UNIVERSITY OF ALABAMA IN BIRMINGHAM BIRMINGHAM ALA	526,437
N01 AI12673	DEVELOPMENT OF A H INFLUENZAE TYPE B VACCINE FOR INFANTS ANDERSON, PORTER UNIVERSITY OF ROCHESTER ROCHESTER N Y	60,200
N01 AI12674	DEVELOPMENT OF AN H. INFLUENZA TYPE B VACCINE KUO, J. S-C AMERICAN CYANAMID COMPANY WAYNE N J	86,889

N01 AI32506	DEV & EVAL OF CONTROLS OF VIRAL AND MYCOPLASMAL RESP DISDASE COUCH, ROBERT B BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	20,733
N01 AI52502	CONDUCT A FIELD TRIAL OF MENINGOCOCCUS VACCINE MAKELA, P HELENA CENTRAL PUBLIC HEALTH LABORATORY HELSINKI FINLAND	28,028
N01 AI52530	STUDY NATURAL HISTORY & RESPONSE TO THERAPY OF CUTANEOUS H CRUMPACKER, CLYDE BETH ISRAEL HOSPITAL BOSTON MASS	50,000
N01 AI72539	STUDIES ON THE ANTIGEN OF GROUP B STREPTOCOCCUS SWENSON, ROBERT M TEMPLE UNIVERSITY PHILADELPHIA PA	128,263
N01 AI92618	DEVELOPMENT OF A VACCINE FOR GONORRHEA BUCHANAN, THOMAS M UNIVERSITY OF WASHINGTON SEATTLE WASH	124,211
P01 AI07007-17	LYMPHOCYTE ACTIVITIES IN HASHIMOTO'S THYROIDITIS OLDSTONE, MICHAEL SCRIPPS CLINIC AND RESEARCH FOUNDATION LA JOLLA CALIF	236,006
P01 AI08724-27	STREPTOCOCCAL BACTERIOPHAGES, PHAGE ENZYMES AND PHAGE - WANNAMAKER, L. W. UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	72,537
	RELATIONSHIP OF SERUM OPACITY FACTOR TO THE M PROTEIN OF CLEARY, PAUL P. UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	72,537
	THE ROLE OF STREPTOLYSIN O IN STREPTOCOCCAI INFECTIONS KAPLAN, EDWARD L. UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	72,537
	BIOLOGY OF GROUP B STREPTOCOCCI GROUP B STREPTOCOCCAL AD FERRIERI, PATRICIA UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	72,536

P01 AI11759-09	ANIMAL ASTHMA PATTERSON, ROY NORTHWESTERN UNIVERSITY CHICAGO ILL	36,646
	RESPIRATORY DISEASE DUE TO INHALED ORGANIC CHEMICAL ZEISS, C. R. NORTHWESTERN UNIVERSITY CHICAGO ILL	36,646
	CORTICOSTEROID EFFECTS ON PMN IN HUMAN ASTHMATICS PHAIR, JOHN NORTHWESTERN UNIVERSITY CHICAGO ILL	36,646
P01 AI12192-08	EPIDEMIOLOGY AND PATHOLOGY OF GONORRHEA HOLMES, K. K. UNIVERSITY OF WASHINGTON SEATTLE WASH	152,341
	GENETIC DETERMINANTS OF A. GONORHEA FALKOW, S. UNIVERSITY OF WASHINGTON SEATTLE WASH	152,340
	NONGONOCOCCAL URETHRITIS & RELATED GENITAL INFECTION HOLMES, K. K. UNIVERSITY OF WASHINGTON SEATTLE WASH	152,340
	TREATMENT & PATHOGENESIS OF HEMOPHILUS VAGINALIS ESCHENBACH, D. UNIVERSITY OF WASHINGTON SEATTLE WASH	152,340
P01 AI15036-05	GENETICS OF THE GONOCOCCUS SPARLING, PHILIP F. UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	80,920
	CELL SURFACE BIOCHEMISTRY OF NEISSERIA GONORRHOEAE GUYMON, LAWRENCE F. UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	80,920
	PATHOPHYSIOLOGY OF GONOCOCCAL INFECTION CANNON, JANNE G. UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	80,920

	CELL WALL DEFECTIVE VARIANTS OF NEISSERIA GONORRHOEAE GOODER, HARRY UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	80,919
	GROWTH, METABOLISM & VIRULENCE OF TREPONEMA PALLIDUM BASEMAN, JOEL B. UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	80,919
	CELL-MEDIATED IMMUNITY IN TREPONEMA PALLIDUM INFECTION FOLDS, JAMES D. UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	80,919
P01 AI16959-03	IMMUNOBIOLOGY OF HSV-2 INFECTIONS: VACCINATION & IMMUNOT AURELIAN, L. JOHNS HOPKINS UNIVERSITY BALTIMORE MD	78,023
	CYTOMEGALOVIRUS PROTEINS: BIOCHEMICAL & IMMUNOLOGICAL ST GIBSON, W. JOHNS HOPKINS UNIVERSITY BALTIMORE MD	78,022
	HOST RESPONSE IN EXPERIMENTAL TREPONEMAL INFECTION HARDY JOHNS HOPKINS UNIVERSITY BALTIMORE MD	78,022
	BIOCHEMISTRY OF GONOCOCCAL TRANSFORMATION SCOCCA, JOHN J. JOHNS HOPKINS UNIVERSITY BALTIMORE MD	78,022
	BIOLOGY OF THE PAPILLOMAVIRUSES OF THE GENITAL TRACT SHAH JOHNS HOPKINS UNIVERSITY BALTIMORE MD	78,022
P01 AI19554-01	HSV PROTEINS AND MONOCLONAL ANTIBODY PRODUCTION PEREIRA, LENORE EMORY UNIVERSITY ATLANTA GA	64,728
	HSV TYPE-SPECIFIC ANTIBODIES & GENITAL HERPES IN HMO POP DRAGALIN; KEYSERLING EMORY UNIVERSITY ATLANTA GA	64,728

	EPIDEMIOLOGY & NATURAL HISTORY OF GENITAL HERPES IN PREG THOMPSON; KEYSERLING EMORY UNIVERSITY ATLANTA GA	64,728
	PREVALENCE OF GENTIAL HERPES IN AN UNDERGRADUATE POPULAT GIBSON EMORY UNIVERSITY ATLANTA GA	64,728
	PREVALENCE OF HSV-SPECIFIC ANTIBODIES IN HOMOSEXUAL MEN THOMPSON EMORY UNIVERSITY ATLANTA GA	64,728
	PREVALENCE OF HSV-SPECIFIC ANTIBODIES IN U.S. POPULATION JOHNSON, R.E. EMORY UNIVERSITY ATLANTA GA	64,728
	SEXUAL TRANSMISSION PATTERNS OF HERPES SIMPLEX VIRUSES WHITTINGTON, W.L. EMORY UNIVERSITY ATLANTA GA	64,728
	IMMUNOLOGY & GENETICS OF GENITAL HERPES SIMPLEX VIRUS IN NAHMIAS, A. EMORY UNIVERSITY ATLANTA GA	64,727
P50 AI10404-12	EFFECTS OF AN IN VITRO VIRUS INOCULATION ON LEUKOCYTE BUSSE, WILLIAM UNIVERSITY OF WISCONSIN MADISON MADISON WIS	53,238
	PARAINFLUENZA 3-INFECTED GUINEA PIG BUCKNER, CARL UNIVERSITY OF WISCONSIN MADISON MADISON WIS	53,238
	QUANTITATION & CHARACTERIZATION OF THE BETA ADRENERGIC R RUOHO, ARNOLD UNIVERSITY OF WISCONSIN MADISON MADISON WIS	53,238
P50 AI11403-10	POLYMERIZED ALLERGEN THERAPY PATTERSON; ZEISS; PRUZANSKY NORTHWESTERN UNIVERSITY CHICAGO ILL	48,244

	IN VITRO PRODUCTION OF IGE AND IGE ANTIBODIES PATTERSON; SUSZKO; ROBERTS NORTHWESTERN UNIVERSITY CHICAGO ILL	48,244
P50 AI13401-08	MOLD SENSITIVE ASTHMA SALVAGGIO TULANE UNIVERSITY OF LOUISIANA NEW ORLEANS LA	41,492
	COTTONSEED DUST RESPIRATORY DISEASE BUTCHER TULANE UNIVERSITY OF LOUISIANA NEW ORLEANS LA	41,491
P50 AI14198-03	CYCLIC AMP, CYCLIC GMP, & HISTAMINE IN INDUCED ASTHMA HARGREAVE; MIDDLETON CHILDREN'S HOSPITAL BUFFALO N Y	2,889
	RECEPTOR CONC IN PMN MEMBRANES FROM NORMAL & ASTHMATIC S VENTER; SZEFLER; ELLIS CHILDREN'S HOSPITAL BUFFALO N Y	2,888
	EFFECT OF VARIOUS CALCIUM ON BASOPHIL HISTAMINE RELEASE MIDDLETON; TRIGGLE CHILDREN'S HOSPITAL BUFFALO N Y	2,888
P50 AI15332-05	ALTERED RESPONSIVENESS TO BETA-ADRENERGIC STIMULATION TASHKIN, DONALD P. UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIF	49,033
	THE DEFECTS LEADING TO HUMORAL IMMUNO-DEFICIENCY IN HUMA SAXON, A. UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIF	49,032
	NON-MEDICAL INTERVENTION ON THE COURSE OF CHILDHOOD ASTH LEWIS, C. UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIF	49,032
P50 AI18023-02	IMMUNOTHERAPY IN CAT-INDUCED ASTHMA OHMAN, JOHN TUFTS UNIVERSITY BOSTON MASS	27,055

P50 AI19080-01	THE HUMAN IA HISTOCOMPATIBILITY SYSTEM KUNKEL, HENRY G. ROCKEFELLER UNIVERSITY NEW YORK N Y	54,331
	MONOCLONAL ANTIBODIES FROM ALLERGIC PATIENTS CHIORAZZI, NICHOLAS ROCKEFELLER UNIVERSITY NEW YORK N Y	54,331
	REGULATION OF THE IGE RESPONSE BY ANTI-IDIOTYPE ANTIBODY SUSKIND, GREGORY W. ROCKEFELLER UNIVERSITY NEW YORK N Y	54,331
	REGULATION OF IGE SYNTHESES IN MAN SUSKIND, GREGORY W. ROCKEFELLER UNIVERSITY NEW YORK N Y	54,331
R01 AI02874-24	STAPHYLOCOCCAL AND STREPTOCOCCAL PROTEINS BERNHEIMER, ALAN W NEW YORK UNIVERSITY NEW YORK N Y	73,977
R01 AI04717-21	TOXOPLASMOSIS: NATURE OF INFECTION AND IMMUNE RESPONSE REMINGTON, JACK S PALO ALTO MEDICAL RESEARCH FOUNDATION PALO ALTO CALIF	417,293
R01 AI05629-20	INTERFERON, IMMUNITY AND LATENT VIRUSES MERIGAN, THOMAS C STANFORD UNIVERSITY STANFORD CALIF	221,815
R01 AI07489-16	TOXOPLASMOSIS: ITS TRANSMISSION AND PREVENTION FRENKEL, JACOB K UNIVERSITY OF KANSAS COL HLTH SCI & HOSP KANSAS CITY KANS	137,855
R01 AI08504-14	EFFECTS OF P. AERUGINOSA SLIME ON HOST DEFENSES BARTELL, PASQUALE F UNIVERSITY OF MEDICINE & DENTISTRY OF NJ NEWARK N J	87,832

R01 AI08831-14	ORIGIN OF PANDEMIC INFLUENZA VIRUSES WEBSTER, ROBERT G ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	111,672
R01 AI10107-11A1	STUDIES OF MORAXELLA, NEISSERIA AND LEGIONELLA JUNI, ELLIOT UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	85,015
R01 AI10217-13	INTERFERON AND HOST RESISTANCE TO VIRAL INFECTIONS OVERALL, JAMES C JR UNIVERSITY OF UTAH SALT LAKE CITY UTAH	125,779
R01 AI10343-11	ACTIVATION OF IMMUNOCOMPETENT LYMPHOCYTES HIRSCHHORN, ROCHELLE NEW YORK UNIVERSITY NEW YORK N Y	155,407
R01 AI10615-12	IMMUNOCHEMICAL STUDIES ON GONOCOCCAL SURFACE ANTIGENS GOTSCHLICH, EMIL C ROCKEFELLER UNIVERSITY NEW YORK N Y	164,299
R01 AI10704-22	STUDY OF RENAL DISEASES IN CHILDHOOD MICHAEL, ALFRED F UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	193,056
R01 AI10982-10	CULTIVATION OF VIRULENT TREPONEMA PALLIDUM COX, C D UNIVERSITY OF MASSACHUSETTS AMHERST AMHERST MASS	74,710
R01 AI11513-09	THE MECHANISM OF VIRUS-INDUCED CELL FUSION PERSON, STANLEY PENNSYLVANIA STATE UNIVERSITY UNIV PARK UNIVERSITY PARK PA	104,068
R01 AI11584-10	PREVENTION OF PYOGENIC INFECTIONS SANDERS, W EUGENE, JR CREIGHTON UNIVERSITY OMAHA NEBR	40,062
R01 AI11637-09	THE ROLE OF COMPLEMENT IN ANTIBACTERIAL IMMUNITY WINKELSTEIN, JERRY A JOHNS HOPKINS UNIVERSITY BALTIMORE MD	112,473

R01 AI11643-08	GONOCOCCAL INFECTION BRAUDE, ABRAHAM I UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIF	104,071
R01 AI11709-09	BIOLOGY OF GONORRHEA YOUNG, FRANK E UNIVERSITY OF ROCHESTER ROCHESTER N Y	160,774
R01 AI11937-07A1	TRANSCELLULAR TRANSPORT OF IMMUNOGLOBULINS RODEWALD, RICHARD D UNIVERSITY OF VIRGINIA CHARLOTTESVILLE CHARLOTTESVILLE VA	78,220
R01 AI11942-08	BIOCHEMICAL CYTOLOGY OF TRICHOMONAS VAGINALIS MULLER, MIKLOS ROCKEFELLER UNIVERSITY NEW YORK N Y	118,821
R01 AI12184-08	T-CELL SUBPOPULATIONS IN TRANSPLANTATION IMMUNITY CANTOR, HARVEY I SIDNEY FARBER CANCER INSTITUTE BOSTON MASS	148,514
R01 AI12507-08	IMMUNOBIOLOGY OF HLA AND ITS CLINICAL APPLICATIONS DUQUESNOY, RENE J BLOOD CENTER OF SOUTHEASTERN WISCONSIN MILWAUKEE WIS	111,301
R01 AI12601-08	IMMUNE MECHANISMS IN EXPERIMENTAL AND HUMAN SYPHILIS MILLER, JAMES N UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIF	170,076
R01 AI12717-08	ANALYSIS OF HUMAN CYTOMEGALOVIRUSES HUANG, ENG-SHANG UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	87,988
R01 AI12814-07	VZ VIRUS: CLINICAL IMPLICATIONS OF IMMUNITY GERSHON, ANNE A NEW YORK UNIVERSITY NEW YORK N Y	97,908
R01 AI12910-07	EPIDEMIOLOGY OF HEPATITIS B ANTIGEN AND VIRAL HEPATITIS VILLAREJOS, VICTOR M LOUISIANA STATE UNIV MED CTR NEW ORLEANS NEW ORLEANS LA	207,663

R01 AI13069-08	CHLAMYDIAL GENITAL INFECTION: AN ANIMAL MODEL SYSTEM BARRON, ALMEN L UNIVERSITY OF ARKANSAS MED SCIENCES LITTLE ROCK ARK	58,558
R01 AI13149-07	IMMUNOCHEMISTRY & PATHOGENIC ROLE OF GONOCOCCAL PILI BUCHANAN, THOMAS M UNIVERSITY OF WASHINGTON SEATTLE WASH	79,918
R01 AI13150-06	MECHANISM OF HOST RESISTANCE TO GROUP B STREPTOCOCCI HILL, HARRY R UNIVERSITY OF UTAH SALT LAKE CITY UTAH	87,642
R01 AI13162-06S1	GENETICS OF RESPONSE TO HISTOCOMPATIBILITY ANTIGENS HOWARD, JONATHAN C INSTITUTE OF ANIMAL PHYSIOLOGY CAMBRIDGE UNITED KINGDOM	22,840
R01 AI13219-06	MOLECULAR BIOLOGY OF VARICELLA-ZOSTER VIRUS GELB, LAWRENCE D WASHINGTON UNIVERSITY SAINT LOUIS MO	64,064
R01 AI13249-07	HUMAN IMMUNITY TO GROUP B STREPTOCOCCUS BAKER, CAROL J BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	144,655
R01 AI13446-04A1	VIRULENCE FACTORS OF CHLAMYDIAE WYRICK, PRISCILLA B UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	48,576
R01 AI13526-07	THE VIRUSES OF HEPATITIS B AND GROUND SQUIRREL HEPATITIS ROBINSON, WILLIAM S STANFORD UNIVERSITY STANFORD CALIF	244,409
R01 AI13562-07	CYTOMEGALOVIRUS TRANSCRIPTION AND TRANSLATION STINSKI, MARK F UNIVERSITY OF IOWA IOWA CITY IOWA	58,011
R01 AI13571-07	PHYSIOLOGY AND METABOLISM OF NEISSERIA GONORRHOEAE II MORSE, STEPHEN A OREGON HEALTH SCIENCES UNIVERSITY PORTLAND OREG	78,212

R01 AI13718-06	HERPESVIRUS PROTEIN SYNTHESIS AND VIRION ASSEMBLY GIBSON, D WADE JOHNS HOPKINS UNIVERSITY BALTIMORE MD	111,420
R01 AI13926-06	HOST RESPONSES TO GROUP B STREPTOCOCCI FERRIERI, PATRICIA UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	93,851
R01 AI13987-06	MODE OF ACTION OF H-LINKED IMMUNE RESPONSE (IR) GENES KAPP-PIERCE, JUDITH A JEWISH HOSPITAL OF ST. LOUIS SAINT LOUIS MO	93,663
R01 AI14133-05	RESPIRATORY SYNCYTIAL VIRUS PONS, MARCEL W CHRIST HOSPITAL CINCINNATI OHIO	97,888
R01 AI14151-05	TOXOPLASMA GONDII: CELL BIOLOGY AND GENETICS PFEFFERKORN, ELMER R DARTMOUTH COLLEGE HANOVER N H	100,936
R01 AI14180-06	IMMUNOLOGY OF CHLAMYDIA TRACHOMATIS GENITAL INFECTION KUO, CHO-CHOU UNIVERSITY OF WASHINGTON SEATTLE WASH	121,602
R01 AI14240-05	CHARACTERIZATION OF CAPSULE ON NEISSERIA GONORRHOEAE HENDLEY, J OWEN UNIVERSITY OF VIRGINIA CHARLOTTESVILLE CHARLOTTESVILLE VA	93,034
R01 AI14332-06	INFLAMMATORY RESPONSES IN ALLERGIC REACTIONS AND ASTHMA ZWEIMAN, BURTON UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	186,651
R01 AI14341-05	CMI TO HSV-2 ANTIGENS IN GENITAL HERPES INFECTIONS AURELIAN, LAURE JOHNS HOPKINS UNIVERSITY BALTIMORE MD	111,363
R01 AI14377-05	TRANSCRIPTION OF THE HERPES SIMPLEX VIRUS GENOME BACHENHEIMER, STEVEN L UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	87,931

R01 AI14411-05	PATHOGENIC ROLE OF H. INFLUENZAE SURFACE PROTEINS SMITH, DAVID H UNIVERSITY OF ROCHESTER ROCHESTER N Y	147,995
R01 AI14495-05	CLINICAL EPIDEMIOLOGY-PATHOGENESIS OF GENITAL HERPES COREY, LAWRENCE UNIVERSITY OF WASHINGTON SEATTLE WASH	153,313
R01 AI14604-05	ANTIGENIC DETERMINANTS OF VARICELLA VIRUS GROSE, CHARLES F UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	55,053
R01 AI14648-05	MUCOSAL DEFENSE AGAINST GONOCOCCAL INFECTIONS PLAUT, ANDREW G NEW ENGLAND MEDICAL CENTER HOSPITAL BOSTON MASS	110,142
R01 AI14671-05	THE ROLE OF PSEUDOMONAS AERUGINOSA TOXIN A IGLEWSKI, BARBARA H OREGON HEALTH SCIENCES UNIVERSITY PORTLAND OREG	101,727
R01 AI14826-05	ROLE OF GONOCOCCAL PEPTIDOGLYCAN IN INFLAMMATION ROSENTHAL, RAOUL S INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS IND	95,276
R01 AI14827-04	HUMAN IMMUNITY TO THE GROUP B STREPTOCOCCI ANTHONY, BASCOM F LOS ANGELES COUNTY HARBOR-UCLA MED CTR TORRANCE CALIF	93,833
R01 AI14927-05	PREVENTION OF CMV INFECTIONS IN TRANSPLANT RECIPIENTS PLOTKIN, STANLEY A CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA PA	141,800
R01 AI14934-05	THE FATE OF INTRACELLULAR NEISSERIA GONORRHOEAE REST, RICHARD F UNIVERSITY OF ARIZONA TUCSON ARIZ	84,217
R01 AI14981-05	IMMUNITY MECHANISMS IN HERPESVIRUS INFECTIONS ROUSE, BARRY T UNIVERSITY OF TENNESSEE KNOXVILLE KNOXVILLE TENN	132,369

R01 AI14987-05	PRODRUG BASED METHODS FOR TOPICAL DELIVERY OF ARA-A HIGUCHI, WILLIAM I UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	119,791
R01 AI15113-05	TISSUE CULTURE/GENETIC STUDIES OF TREPONEMA PALLIDUM COX, DAVID L SRI INTERNATIONAL MENLO PARK CALIF	188,592
R01 AI15166-05	REPLICATION AND PATHOGENESIS OF HEPATITIS B-LIKE VIRUSES SUMMERS, JESSE W INSTITUTE FOR CANCER RESEARCH PHILADELPHIA PA	168,239
R01 AI15488-04	REPLICATION AND EXPRESSION OF HERPES SIMPLEX VIRUS DNA FRENKEL, NIZA B UNIVERSITY OF CHICAGO CHICAGO ILL	99,520
R01 AI15492-04	IMMUNIZATION WITH A VARICELLA-ZOSTER VIRUS VACCINE BRUNELL, PHILIP A UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	120,144
R01 AI15547-04	VIRAL INFECTION AND CELL-MEDIATED IMMUNITY ROBERTS, NORBERT J, JR UNIVERSITY OF ROCHESTER ROCHESTER N Y	98,695
R01 AI15633-04	IMMUNOLOGY OF INFECTION WITH NEISSERIA GONORRHOEAE RICE, PETER A BOSTON CITY HOSPITAL BOSTON MASS	100,168
R01 AI15644-04	GENE FUNCTIONS OF HERPES SIMPLEX VIRUS FRANCKE, BERTOLD R YALE UNIVERSITY NEW HAVEN CONN	131,896
R01 AI15702-03	MYCOPLASMA AND LYMPHOCYTE INTERACTIONS STANBRIDGE, ERIC J UNIVERSITY OF CALIFORNIA IRVINE IRVINE CALIF	60,949
R01 AI15735-02S1	POTENTIAL VACCINE STRAIN FOR H. INFLUENZAE OESCHGER, MAAX GEORGETOWN UNIVERSITY WASHINGTON D C	1,582

R01 AI15748-04	DIFFERENTIATED CELL CULTURES: INFECTION BY MYCOPLASMAS MC GARRITY, GERARD J INSTITUTE FOR MEDICAL RESEARCH CAMDEN N J	98,344
R01 AI15833-03	A MODEL FOR BRONCHOPULMONARY INFECTIONS RAMPHAL, REUBEN UNIVERSITY OF FLORIDA GAINESVILLE FLA	62,759
R01 AI15892-04	FUSION OF VIRUS ENVELOPE WITH CELL MEMBRANES LYLES, DOUGLAS S WAKE FOREST UNIVERSITY WINSTON-SALEM N C	99,809
R01 AI15939-03	IMMUNE RESPONSE TO RESPIRATORY SYNCYTIAL VIRUS IN MAN OGRA, PEARAY L CHILDREN'S HOSPITAL BUFFALO N Y	87,836
R01 AI15949-04	CONTINUED EVALUATION OF RUBELLA VACCINES SCHIFF, GILBERT M CHRIST HOSPITAL CINCINNATI OHIO	59,838
R01 AI15955-04	STRUCTURE OF HEPATITIS B SURFACE ANTIGEN PROTEINS PETERSON, DARRELL L VIRGINIA COMMONWEALTH UNIVERSITY RICHMOND VA	97,822
R01 AI15986-04	IMMUNODEFICIENCY AND SALMONELLA SUSCEPTIBILITY BRILES, DAVID E UNIVERSITY OF ALABAMA IN BIRMINGHAM BIRMINGHAM ALA	134,408
R01 AI15990-03	CHARACTERIZATION AND DETECTION OF VIRUSES AND ANTIBODIES SCHMIDT, NATHALIE J CALIFORNIA ST DEPT OF HEALTH SERVICES BERKELEY CALIF	124,611
R01 AI16098-02	IDENTIFICATION OF ESSENTIAL GENES FOR HSV DNA SYNTHESIS PARRIS, DEBORAH S OHIO STATE UNIVERSITY COLUMBUS OHIO	66,433
R01 AI16151-03	PHARMACOLOGIC MANAGEMENT OF CHILDREN WITH ASTHMA WEINBERGER, MILES M UNIVERSITY OF IOWA IOWA CITY IOWA	124,041

R01 AI16176-03	TRICHOMONIASIS: A LABORATORY AND CLINICAL STUDY HONIGBERG, BRONISLAW M UNIVERSITY OF MASSACHUSETTS AMHERST AMHERST MASS	73,521
R01 AI16222-04	EPIDEMIOLOGY OF CHLAMYDIA TRACHOMATIS INFECTIONS GRAYSTON, J THOMAS UNIVERSITY OF WASHINGTON SEATTLE WASH	184,400
R01 AI16476-03	INTERACTION OF N GONORRHOEAE WITH PMNS AND SERUM DENSEN, PETER UNIVERSITY HOSPITAL BOSTON MASS	93,878
R01 AI16557-03	PSEUDOMONAS INFECTION IN CYSTIC FIBROSIS THOMASSEN, MARY J CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	49,297
R01 AI16577-04	THE BIOLOGY OF CHLAMYDIA TRACHOMATIS INFECTION BOSE, SUBIR K ST. LOUIS UNIVERSITY SAINT LOUIS MO	109,092
R01 AI16585-03	TREPONEMA PALLIDUM: PATHOGENESIS AND IMMUNE RESPONSES FITZGERALD, THOMAS J UNIVERSITY OF MINNESOTA AT DULUTH DULUTH MINN	60,770
R01 AI16624-03	PHAGOCYTES, STREPTOCOCCAL CELL WALLS AND INFLAMMATION SPITZNAGEL, JOHN K EMORY UNIVERSITY ATLANTA GA	101,730
R01 AI16674-03	GROUP B STREPTOCOCCAL EFFECTS ON LUNG CELLS & LIPIDS WENNERSTROM, DAVID E UNIVERSITY OF ARKANSAS MED SCIENCES LITTLE ROCK ARK	30,840
R01 AI16692-03	T. PALLIDUM ANTIGENS FROM RECOMBINANT DNA NORGARD, MICHAEL V UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS DALLAS TEX	85,366
R01 AI16741-03	IMMUNOLOGY OF RESPIRATORY VIRAL DISEASE IN INFANTS MC INTOSH, KENNETH CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	109,300

R01 AI16764-03A1	THE CRITICAL ROLE OF IRON IN GONOCOCCAL VIRULENCE FINKELSTEIN, RICHARD A UNIVERSITY OF MISSOURI COLUMBIA COLUMBIA MO	107,451
R01 AI16790-03	PSEUDOMONAS INFECTION IN CYSTIC FIBROSIS CHAKRABARTY, ANANDA M UNIVERSITY OF ILLINOIS MEDICAL CENTER CHICAGO ILL	93,257
R01 AI16817-03	CYTOMEGALOVIRUS AND PULMONARY DEFENSE MECHANISMS SHANLEY, JOHN D UNIVERSITY OF IOWA IOWA CITY IOWA	55,894
R01 AI16945-03	IMMUNE RESPONSE TO INGESTED TOXOPLASMA MC LEOD, RIMA MICHAEL REESE HOSPITAL & MEDICAL CENTER CHICAGO ILL	68,984
R01 AI16993-03	MECHANISM OF CAPSULE SYNTHESIS BY PSEUDOMONAS AERUGINOSA FEINGOLD, DAVID S UNIVERSITY OF PITTSBURGH PITTSBURGH PA	56,995
R01 AI17012-02	ADHERENCE OF HAEMOPHILUS INFLUENZAE TO MUCOSAL CELLS HANSEN, ERIC J UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS DALLAS TEX	67,894
R01 AI17069-03	EPIDEMIOLOGY OF ACQUIRED CYTOMEGALOVIRUS INFECTIONS ADLER, STUART P VIRGINIA COMMONWEALTH UNIVERSITY RICHMOND VA	88,164
R01 AI17071-01A1	CYSTIC FIBROSIS: GENETICS OF MUCOID PSEUDOMONAS WOOD, DAVID O UNIVERSITY OF SOUTH ALABAMA MOBILE ALA	62,371
R01 AI17072-03	CF PATIENTS' DEFENSE MECHANISMS VS. PSEUDOMONAS SCHILLER, NEAL L UNIVERSITY OF CALIFORNIA RIVERSIDE RIVERSIDE CALIF	54,633
R01 AI17154-03	MECHANISMS THAT CONTROL HUMAN AND ANIMAL GUT FLORA FRETER, ROLF G UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	94,154

R01 AI17160-03	VIRAL INFECTION IN THE PATHOGENESIS OF PNEUMOCCAL DISEAS GIEBINK, G SCOTT UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	75,206
R01 AI17217-03	ANTIBODY TO INFLUENZAE CAPSULAR POLYSACCHARIDE INSEL, RICHARD A UNIVERSITY OF ROCHESTER ROCHESTER N Y	134,987
R01 AI17242-03	MECHANISM OF BACTERIAL SUPERINFECTION SANFORD, BARBARA A UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	41,637
R01 AI17246-03	REGULATION OF GENE EXPRESSION IN HSV INFECTED CELLS WILCOX, KENT W MEDICAL COLLEGE OF WISCONSIN MILWAUKEE WIS	61,113
R01 AI17281-01A1	IMMUNITY TO MUCOID STRAINS OF PSEUDOMONAS AERUGINOSA BALTIMORE, ROBERT S YALE UNIVERSITY NEW HAVEN CONN	85,208
R01 AI17303-03	INTERFERON PRODUCTION IN IMMUNITY TO HERPESVIRUSES ARBEIT, ROBERT D BOSTON UNIVERSITY BOSTON MASS	30,288
R01 AI17326-03	NEONATAL CHLAMYDIA INFECTION - INCIDENCE AND TREATMENT ALEXANDER, E RUSSELL UNIVERSITY OF ARIZONA TUCSON ARIZ	116,989
R01 AI17353-03	HEPATIC BIOREGULATORY MOLECULES, HEPATITIS AND CANCER CHISARI, FRANCIS V SCRIPPS CLINIC AND RESEARCH FOUNDATION LA JOLLA CALIF	137,223
R01 AI17399-02	GROUP B STREPTOCOCCAL HEMOLYSIN DUNCAN, JAMES L NORTHWESTERN UNIVERSITY CHICAGO ILL	57,132
R01 AI17403-03	HUMAN NATURAL KILLER CELL IN RECURRENT VIRUS INFECTION CHING, CLARA Y UNIVERSITY OF HAWAII AT MANOA HONOLULU HAWAII	69,464

R01 AI17456-02	PRODRUGS OF 9-B-D-ARABINOFURANOSYLADENINE SHANNON, WILLIAM M SOUTHERN RESEARCH INSTITUTE BIRMINGHAM ALA	95,868
R01 AI17514-02	GRANULOCYTE ACTION ON PSEUDOMONAS AERUGINOSA MODRZAKOWSKI, MALCOLM C, JR OHIO UNIVERSITY ATHENS ATHENS OHIO	34,396
R01 AI17612-02	GONOCOCCAL ATTACHMENT TO HUMAN FALLOPIAN TUBE MUCOSA MC GEE, ZELL A VANDERBILT UNIVERSITY NASHVILLE TENN	97,060
R01 AI17620-02	REGULATION OF HUMAN HERPES VIRUS DNA SYNTHESIS JACOB, ROBERT J UNIVERSITY OF KENTUCKY LEXINGTON KY	70,762
R01 AI17621-02	OUTER MEMBRANE PROTEINS OF HAEMOPHILUS INFLUENZAE HANSEN, ERIC J UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS DALLAS TEX	72,026
R01 AI17662-03	METABOLIC ASPECTS OF BACTERIAL ECOLOGY IN HOST TISSUE SPITZNAGEL, JOHN K EMORY UNIVERSITY ATLANTA GA	141,677
R01 AI17682-02A1	NEW APPROACHES TO PERTUSSIS VACCINE PARKER, CHARLOTTE D UNIVERSITY OF MISSOURI COLUMBIA COLUMBIA MO	111,059
R01 AI17688-03	COMPLICATIONS OF CHLAMYDIAL INFECTION IN PREGNANCY HARRISON, H ROBERT UNIVERSITY OF ARIZONA TUCSON ARIZ	109,579
R01 AI17737-02	INTERACTIONS BETWEEN SPIROCHETES AND OTHER BACTERIA CANALE-PAROLA, ERCOLE UNIVERSITY OF MASSACHUSETTS AMHERST AMHERST MASS	85,370
R01 AI17757-02	INFECTIOUS ENTERIC DISEASE: EPIDEMIOLOGY, PATHOGENESIS PARROTT, ROBERT H CHILDREN'S HOSPITAL NATIONAL MEDICAL CTR WASHINGTON D C	137,229

R01 AI17849-02	BIOCHEMICAL ASPECTS OF GONOCOCCAL VIRULENCE MORSE, STEPHEN A OREGON HEALTH SCIENCES UNIVERSITY PORTLAND OREG	84,253
R01 AI17873-02	DELAYED HYPERSENSITIVITY TO HERPES SIMPLEX VIRUS MOORHEAD, JOHN W UNIVERSITY OF COLORADO HLTH SCIENCES CTR DENVER COLO	69,652
R01 AI17885-01A1	CHLAMYDIAL IMMUNITY IN MOTHERS AND INFANTS HEGGIE, ALFRED D CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	141,797
R01 AI17900-02	GENETICS AND IMMUNOLOGY OF HERPESVIRUS GLYCOPROTEINS LEVINE, MYRON UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	158,225
R01 AI17938-02	H INFLUENZAE B & S PNEUMONIAE CARBOHYDRATE VACCINES ANDERSON, PORTER W UNIVERSITY OF ROCHESTER ROCHESTER N Y	167,614
R01 AI17941-02	CHEMOPROPHYLAXIS OF GROUP B STREPTOCOCCAL INFECTIONS GOTOFF, SAMUEL P MICHAEL REESE HOSPITAL & MEDICAL CENTER CHICAGO ILL	105,528
R01 AI17960-02	MACROMOLECULAR FORMS OF P. AERUGINOSA EXOTOXIN A SHUSTER, CHARLES W CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	83,050
R01 AI17962-02	GENETIC CONTROL OF ANTIBODY RESPONSES TO POLYSACCHARIDES GRANOFF, DAN M WASHINGTON UNIVERSITY SAINT LOUIS MO	123,738
R01 AI17981-02	CHLAMYDIA AND THE NUDE MOUSE WILLIAMS, DWIGHT M UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	84,038
R01 AI17998-03	CELL-MEDIATED LYSIS OF CYTOMEGALOVIRUS INFECTED CELLS WANER, JOSEPH L UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR OKLAHOMA CITY OKLA	59,439

R01 AI17999-03	SPECIFIC IMMUNE REACTIVITY TO TYREPONEMAL INFECTION SCHELL, RONALD F HAHNEMANN MED COL & HOSP OF PHILADELPHIA PHILADELPHIA PA	118,982
R01 AI18067-01A1	OPSONOPHAGOCYTIC HOST DEFENSES IN PNEUMOCOCCAL INFECTION GUCKIAN, JAMES C UNIVERSITY OF TEXAS MED BR GALVESTON GALVESTON TEX	72,810
R01 AI18125-02	PREPARATION OF BACTERIAL POLYSACCHARIDE IMMUNE GLOBULIN SIBER, GEORGE R SIDNEY FARBER CANCER INSTITUTE BOSTON MASS	81,999
R01 AI18168-02	PURINE BIOCHEMISTRY IN LYMPHOCYTES DURING MATURATION COWAN, MORTON J UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIF	47,469
R01 AI18186-02	PATHOGENESIS OF INVASIVE H INFLUENZAE DISEASE SMITH, ARNOLD L CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR SEATTLE WASH	76,892
R01 AI18203-01A1	INFLUENZA B: GENE SEQUENCES AIR, GILLIAN M UNIVERSITY OF ALABAMA IN BIRMINGHAM BIRMINGHAM ALA	74,239
R01 AI18228-02	GENETICS OF HSV-HOST CELL INTERACTIONS LEVINE, MYRON UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	150,680
R01 AI18289-02	STUDIES OF GLYCOPROTEIN D OF HERPES SIMPLEX VIRUS COHEN, GARY H UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	84,367
R01 AI18295-02	HEPATITIS B VIRUS AND E. COLI SYNTHESIZED VIRAL PROTEIN SNINSKY, JOHN J YESHIVA UNIVERSITY NEW YORK N Y	143,473
R01 AI18348-02	STRUCTURE AND FUNCTION OF A THYMIDINE KINASE GENE MC KNIGHT, STEVEN L FRED HUTCHINSON CANCER RESEARCH CENTER SEATTLE WASH	53,526

R01 AI18374-01A1	IMMUNOTHERAPY FOR ALLERGIC ASTHMA VAN METRE, THOMAS E JOHNS HOPKINS UNIVERSITY BALTIMORE MD	120,309
R01 AI18384-02	LIPOPOLYSACCHARIDE ANTIGENS OF THE GONOCOCCUS APICELLA, MICHAEL A STATE UNIVERSITY OF NEW YORK AT BUFFALO BUFFALO N Y	88,687
R01 AI18394-01S1	POTENTIAL VACCINE STRAIN FOR H INFLUENZAE OESCHGER, MAX P JOHNS HOPKINS UNIVERSITY BALTIMORE MD	9,540
R01 AI18419-01	THE ROLE OF POLYPHOSPHATE IN PATHOGENESIS GOTSCHLICH, EMIL C ROCKEFELLER UNIVERSITY NEW YORK N Y	52,238
R01 AI18449-01A1	STRUCTURE OF VARICELLA ZOSTER VIRUS DNA RUYECHAN, WILLIAM T U.S. UNIFORMED SERVICES UNIV OF HLTH SCI BETHESDA MD	51,312
R01 AI18465-01A1	IMMUNOCHEMICAL STUDY OF P. AERUGINOSA MUCOID ANTIGENS PIER, GERALD B PETER BENT BRIGHAM HOSPITAL BOSTON MASS	86,964
R01 AI18502-01	EFFECT OF LOW MEASLES ANTIBODY TITER ON INFANT IMMUNITY BLACK, FRANCIS L YALE UNIVERSITY NEW HAVEN CONN	79,862
R01 AI18527-01	CARTILAGE-HAIR HYPOPLASIA: AN IMMUNOLOGIC APPROACH POLMAR, STEPHEN H CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	116,451
R01 AI18613-01	LYMPHOCYTE RESPONSES IN IMMATURITY AND IMMUNODEFICIENCY BUCKLEY, REBECCA H DUKE UNIVERSITY DURHAM N C	109,124
R01 AI18619-01	TERTIARY AND CONGENITAL SYPHILIS FITZGERALD, THOMAS J UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	104,658

R01 AI18641-01A1	HEPATITIS B-LIKE VIRUS MASON, WILLIAM S INSTITUTE FOR CANCER RESEARCH PHILADELPHIA PA	83,664
R01 AI18647-01	BIOCHEMISTRY OF MEASLES VIRUS PERSISTENT INFECTIONS WECHSLER, STEVEN L CHRIST HOSPITAL CINCINNATI OHIO	71,500
R01 AI18649-01	CYTOMEGALOVIRUS EPIDEMIOLOGY AND SEXUAL TRANSMISSION HANDSFIELD, H HUNTER UNIVERSITY OF WASHINGTON SEATTLE WASH	105,213
R01 AI18674-01A1	CELLULAR IMMUNE MECHANISMS IN VIRAL HEPATITIS HOLLINGER, F BLAINE BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	52,224
R01 AI18683-01	IMMUNOCHEMISTRY OF GONOCOCCAL LIPOPOLYSACCHARIDE GRIFFISS, J MCLEOD PETER BENT BRIGHAM HOSPITAL BOSTON MASS	76,178
R01 AI18714-02	TAXONOMIC STUDIES OF PATHOGENIC MENINGOCOCCI APICELLA, MICHAEL A STATE UNIVERSITY OF NEW YORK AT BUFFALO BUFFALO N Y	46,911
R01 AI18727-07	GENETIC MECHANISMS IN IMMUNOLOGIC DEFICIENCY STATES FUDENBERG, H H MEDICAL UNIVERSITY OF SOUTH CAROLINA CHARLESTON S C	124,516
R01 AI18768-01	VIRULENCE DETERMINANTS OF TRICHOMONAS VAGINALIS ALDERETE, JOHN F UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	108,182
R01 AI18782-01	THE MOLECULAR BIOLOGY OF HEPATITIS B-TYPE VIRUSES VARMUS, HAROLD E UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIF	65,830
R01 AI18847-02	PATHOPHYSIOLOGY OF VARICELLA ZOSTER VIRUS INFECTION MYERS, MARTIN G CHILDREN'S HOSPITAL MEDICAL CENTER CINCINNATI OHIO	92,515

R01 AI18922-01	PRIMARY STRUCTURAL ANALYSIS OF HUMAN DR ANTIGENS CAPRA, J DONALD UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS DALLAS TEX	113,378
R01 AI18998-01	GENETIC ANALYSIS OF INFLUENZA A, B AND C VIRUSES PALESE, PETER MOUNT SINAI SCHOOL OF MEDICINE NEW YORK N Y	148,425
R01 AI19043-02	BIOCHEMICAL PHARMACOLOGY OF ANTIVIRAL DRUG THERAPY FISCHER, PAUL H UNIVERSITY OF WISCONSIN MADISON MADISON WIS	59,028
R01 AI19094-01	CHEMOTACTIC MECHANISMS IN NEONATAL BACTERIAL INFECTION HILL, HARRY R UNIVERSITY OF UTAH SALT LAKE CITY UTAH	70,470
R01 AI19142-01	IMMUNOLOGIC ANALYSIS OF TRICHOMONAS VAGINALIS ANTIGENS ALDERETE, JOHN F UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	78,339
R01 AI19146-01	GENETIC CONTROL OF ALGINATE IN PSEUDOMONAS AERUGINOSA OHMAN, DENNIS E UNIVERSITY OF CALIFORNIA BERKELEY BERKELEY CALIF	79,323
R01 AI19257-01	INTERACTION OF CMV WITH HOST CELLS PEREIRA, LENORE P CALIFORNIA ST DEPT OF HEALTH SERVICES BERKELEY CALIF	94,764
R01 AI19267-01	EXPRESSION OF T PALLIDUM SURFACE PROTEINS IN E. COLI BASSFORD, PHILIP, JR UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	104,827
R01 AI19340-01	HEMOPHILUS INFLUENZAE TYPE B DISEASE IN ALASKAN ESKIMOS WARD, JOEL I LOS ANGELES COUNTY HARBOR-UCLA MED CTR TORRANCE CALIF	294,402
R01 AI19391-01	PURINE & PYRINIDINE METABOLISM IN TRICHOMONAS & GIARDIA WANG, CHING C UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIF	164,420

R01 AI19398-01	IA ANTIGENS IN HUMAN DISEASE: MICROSEQUENCE ANALYSIS SHIVELY, JOHN E CITY OF HOPE NATIONAL MEDICAL CENTER DUARTE CALIF	85,705
R01 AI19469-01	SURFACE PROTEINS OF NEISSERIA GONORRHOEAE JOHNSTON, KENNETH H ROCKEFELLER UNIVERSITY NEW YORK N Y	53,704
R01 AI19744-01	MOLECULAR ANALYSIS OF HEPATITIS B VIRUS RUTTER, WILLIAM J UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIF	135,316
R01 AI19762-01	THREE-DIMENSIONAL STRUCTURE OF PSEUDOMONAS TOXIN MC KAY, DAVID B UNIVERSITY OF COLORADO AT BOULDER BOULDER COLO	23,754
R01 AI19782-01	IMMUNITY AND LATENCY IN CHLAMYDIAL INFECTIONS BYRNE, GERALD I UNIVERSITY OF WISCONSIN MADISON MADISON WIS	70,789
R01 AI19810-01	IMMUNITY TO SYPHILLIS IN THE RABBIT SELL, STEWART UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON HOUSTON TEX	123,564
R01 AI19818-01	MECHANISMS OF MENINGOCOCCAL ATTACHMENT TO HUMAN CELLS STEPHENS, DAVID S EMORY UNIVERSITY ATLANTA GA	75,522
R01 AI20006-01	PHYSIOLOGIC CHARACTERICS OF TREPONEMA PALLIDUM NORRIS, STEVEN J UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON HOUSTON TEX	96,554
R01 AI20063-01	HOST-VIRUS INTERACTIONS IN HERPES SIMPLEX GENITALS REICHMAN, RICHARD CRAIG UNIVERSITY OF ROCHESTER ROCHESTER N Y	83,468
R22 AI16687-03	GENETICS OF THE ROTAVIRUSES RAMIG, ROBERT F BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	67,837

R22 AI17544-02	TOXIGENIC E. COLI ADHERENCE TO HUMAN INTESTINAL CELLS DENEKE, CARL F NEW ENGLAND MEDICAL CENTER HOSPITAL BOSTON MASS	68,061
R22 AI18554-01	REOVIRUS: GASTROINTESTINAL INFECTION AND IMMUNITY RUBIN, DONALD H UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	134,809
R23 AI16731-03	B LYMPHOCYTES IN X-LINKED AGAMMAGLOBULINEMIA SCHWABER, JERROLD F CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	47,772
R23 AI16760-03	ANTIMICROBIAL PROPERTIES OF PLACENTAL MACROPHAGES WILSON, CHRISTOPHER B CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR SEATTLE WASH	32,723
R23 AI17065-02	HSV BRAIN STEM INFECTION: LATENCY AND REACTIVATION OPENSHAW, HARRY O UNIVERSITY OF CALIFORNIA DAVIS DAVIS CALIF	37,728
R23 AI17182-03	ORGAN CULTURE MODELS OF CYTOMEGALOVIRUS INFECTIONS NEDRUD, JOHN G UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	38,056
R23 AI17421-02	VARICELLA-ZOSTER IMMUNITY IN INFECTION AND RE-EXPOSURE ARVIN, ANN M STANFORD UNIVERSITY STANFORD CALIF	54,962
R23 AI17502-02	GONOCOCCAL SURFACE ANTIGENS AND HOST RESPONSE JONES, ROBERT B INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS IND	49,796
R23 AI17761-02	ROLE OF H. INFLUENZAE TYPE B CAPSULE IN VIRULENCE ROBERTS, MARILYN C CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR SEATTLE WASH	43,515
R23 AI18391-02	CELL-MEDIATED IMMUNITY IN HEPATITIS B INFECTION MILICH, DAVID R SCRIPPS CLINIC AND RESEARCH FOUNDATION LA JOLLA CALIF	41,725

R23 AI18637-01	FUNCTIONAL ASPECTS OF MAJOR GONOCOCCAL SURFACE PROTEINS BLAKE, MILAN S ROCKEFELLER UNIVERSITY NEW YORK N Y	49,829
R23 AI19811-01	ANIMAL MODEL OF PSEUDOMONAS INFECTION IN CYSTIC FIBROSIS BOYD, R LEE UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	48,884
T32 AI07001-07	NORTH CAROLINA VENEREAL DISEASE PROGRAM SPARLING, PHILIP F UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	49,386
T32 AI07036-06A1	RESEARCH IN INFECTIOUS DISEASES BRAUDE, ABRAHAM I UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIF	117,895
T32 AI07044-07	HOST DEFENSE IN ALLERGY AND INFECTIOUS DISEASE KLEBANOFF, SEYMOUR J UNIVERSITY OF WASHINGTON SEATTLE WASH	180,692
T32 AI07056-07	BASIC AND CLINICAL IMMUNOLOGY NORMAN, PHILIP S JOHNS HOPKINS UNIVERSITY BALTIMORE MD	96,114
T32 AI07099-06	INFECTIOUS DISEASES KIEFF, ELLIOTT D UNIVERSITY OF CHICAGO CHICAGO ILL	151,145
T32 AI07140-05	VENEREAL DISEASE HOLMES, KING K UNIVERSITY OF WASHINGTON SEATTLE WASH	28,137
T32 AI07145-05	MICROBIOLOGY OF INFECTIOUS DISEASES WILLIAMS, ROBERT P BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	29,078
T32 AI07151-05	CHILDHOOD AND ADULT INFECTIOUS DISEASES CLYDE, WALLACE A, JR UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL N C	62,014
Z01 AI00027-15	BASIC STUDIES OF MYCOPLASMAS TULLY, JOSEPH G. LABORATORY OF MOLECULAR MICRO-BIOLOGY BETHESDA MD	244,590

Z01 AI00058-08	PATHOGENESIS & CHEMOTHERAPY OF HERPES VIRUS INFECTIONS IN MA STRAUS, S. E. LABORATORY OF CLINICAL INVESTIGATION BETHESDA MD	405,535
Z01 AI00103-15	IMMUNOLOGICAL STUDY ON TOXOPLASMOSIS & OTHER PARASITIC DISEA LUNDE, MILFORD N. LABORATORY OF PARASITIC DISEASES BETHESDA MD	115,840
Z01 AI00144-18	AB RESPONSE TO PNEUMO. & OTHER POLYSACCHARIDE ANTIGENS BAKER, P. J. LABORATORY OF MICROBIAL IMMUNITY BETHESDA MD	58,665
Z01 AI00154-07	CELLULAR EVENTS IN IMMEDIATE HYPERSENSITIVITY KALINER, M. A. LABORATORY OF CLINICAL INVESTIGATION BETHESDA MD	608,303
Z01 AI00172-05	STRUCTURE AND SYNTHESIS OF PEPTIDES COLIGAN, JOHN E. LABORATORY OF IMMUNOGENETICS BETHESDA MD	232,786
Z01 AI00185-03	PATHOGENIC PROTOZOA: VIRULENCE FACTORS & ENDOGENOUS VIRUSES MATTERN, CARL F. T. LABORATORY OF PARASITIC DISEASES BETHESDA MD	237,471
Z01 AI00193-03	GONOCOCCAL SURFACE COMPONENTS: STRUCTURE & FUNCTION SWANSON, J. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	173,747
Z01 AI00194-03	MOLECULAR GENETICS OF NEISSERIA GONORRHOEAE MAYER, L. W. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	163,527
Z01 AI00196-03	BORDETELLA PERTUSSIS: OUTER MEMBRANE STRUCTURE & FUNCTION PEPPLER, M. S. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	122,645
Z01 AI00216-02	IMMUNOCHEMISTRY OF CHLAMYDIAL SURFACE ANTIGENS CALDWELL, H. D. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	125,200

Z01 AI00233-01	ANALYSIS OF OUTER MEMBRANE PROTEIN OF CHLAMYDIA TRACHOMATIS CALDWELL, H. D. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	76,653
Z01 AI00235-01	STRUCTURE AND FUNCTION OF GONOCOCCAL LIPOPOLYSACCHARIDE HITCHCOCK, P. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	120,090
Z01 AI00236-01	STUDIES ON THE BIOLOGY OF CONTAGIOUS EQUINE METRITIS ORGANIS HITCHCOCK, P. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	30,661
Z01 AI00238-01	B. PERTUSSIS AND B. BRONCHISEPTICA: OUTER MEMBRANE STRUCTURE PEPPLER, M. S. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	30,661
Z01 AI00239-01	GONOCOCCAL SURFACE PROTEINS' IMMUNOCHEMICAL CHARACTERISTICS SWANSON J. RML, LAB. OF MICROBIAL STRUCTURE & FUNCT HAMILTON MONT	173,747
Z01 AI00272-01	HOST DEFENSE AGAINST PNEUMOCOCCAL BACTEREMIA BROWN, E. LABORATORY OF CLINICAL INVESTIGATION BETHESDA MD	304,151
Z01 AI00279-01	STUDIES ON MUCUS GLYCOPROTEINS KALINER, M. LABORATORY OF CLINICAL INVESTIGATION BETHESDA MD	405,535
Z01 AI00312-01	CLINICAL STUDIES OF HEPATITIS B VACCINES TICEHURST, J. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	34,670
Z01 AI00322-01	MOLECULAR BIOLOGY OF RESPIRATORY SYNCYTIAL VIRUS VENKATESAN, S. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	153,538
Z01 AI00323-01	PNEUMOVIRUS AND PARAMYXOVIRUS SURFACE GLYCOPROTEINS VENKATESAN, S. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	153,538

Z01 AI00333-01	VIRAL GASTROENTERITIS IN INFANTS AND YOUNG CHILDREN KAPIKIAN, A. Z. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	138,680
Z01 AI00334-01	DEVELOPMENT OF MONOCLONAL ANTIBODIES TO PROTEINS OF ROTAVIRU GREENBERG, H. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	277,360
Z01 AI00335-01	DEVELOPMENT AND PHENOTYPIC ANALYSIS OF ROTAVIRUS REASSORTANT GREENBERG, H. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	148,586
Z01 AI00337-01	ROTAVIRAL PROTEINS KALICA, A. R. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	24,764
Z01 AI00339-01	CHARACTERIZATION OF HUMAN AND ANIMAL ROTAVIRUSES WYATT, R. G. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	307,077
Z01 AI00340-01	EXPERIMENTAL STUDIES IN ANIMALS WITH VARIOUS ROTAVIRUSES WYATT, R. G. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	99,057
Z01 AI00341-01	STUDIES OF ROTAVIRUSES IN VOLUNTEERS WYATT, R. G. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	113,916
Z01 AI00342-01	STUDIES OF GASTROENTERITIS VIRUSES BY ELECTRON MICROSCOPY KAPIKIAN, A. Z. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	74,293
Z01 AI00344-01	IMMUNOLOGIC CHARACTERIZATION OF RESPIRATORY SYNCYTIAL VIRUSE PRINCE, G. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	74,293
Z01 AI00345-01	IMMUNITY TO RS VIRUS PRINCE, G. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	74,293

Z01 AI00346-01	GENTIC DIVERSITY OF ROTAVIRUSES BY RNA-RNA HYBRIDIZATION FLORES, J. LABORATORY OF INFECTIOUS DISEASES BETHESDA MD	153,539
Z01 AI90006	HISTOCOMPATIBILITY TYPING FOR JOHNSON, ARMEAD OFFICE OF NAVAL RESEARCH WASHINGTON D C	204,208
		30,243,637

K01 AM01128-01	TRANSPLACENTAL TRANSFER INSULIN BOUND TO ANTIBODY BAUMAN, WILLIAM A MONTEFIORE HOSP & MEDICAL CTR NEW YORK, N Y	48,805
K01 AM01129-01	HYPERINSULINEMIA & RAT PERINATAL HEPAT METAB MC CORMICK, KENNETH L ROCHESTER, U OF ROCHESTER, N Y	43,712
K01 AM01130-01	EFFECTS MATER DIAB MELL ON FETAL LUNG (SHEEP, RABTS) WARBURTON, DAVID CHILDRENS HOSP OF LOS ANGELES LOS ANGELES, CALIF	40,738
K08 AM01021-01	HORMONAL EFFECTS CARTILAGE GROWTH & METAB (CHICK EMB) BURCH, WARNER M, JR DUKE U DURHAM, N C	52,866
N01 AM02211-04	TRIAL THERAPY FOR JUVENILE RHEUMATOID ARTHRITIS BREWER, EARL BAYLOR COLL OF MEDICINE HOUSTON, TEX	243,876
P01 AM08305-19	CYSTIC FIBROSIS DOERSHUK, CARL F CASE WESTERN RESERVE U CLEVELAND, OHIO	891,151
P01 AM10202-15	HUMAN NUTR TRACE ELMNT FOR MAINTEN & REPRODN (HUMAN) KING, JANET C CALIFORNIA, U OF BERKELEY, CALIF	15,306
P01 AM30582-17	CONGENTL MALFMTNS IN UTERO PROGESTIN-EXPOSED OFFSPRG KURLAND, LEONARD T MAYO FDN ROCHESTER, MINN	5,001
P30 AM26657-04	ZINC REQUIREMENTS IN INFANTS & CHILDREN ON NUTR SUPRT HELINEK, GERALD VANDERBILT U NASHVILLE, TENN	45,366

	NEW PROJECTS (HUMAN) GREENE, HARRY VANDERBILT U NASHVILLE, TENN	45,366
P30 AM26659-03	EST CLIN NUTR RES UNIT-NUTR & METAB OF INFANT LUNG DIS HARPER, ALFRED E WISCONSIN, U OF MADISON, WIS	15,021
P30 AM30865-02	CNRU CORE-PROTEIN NUTRITION & METAB IN PREGNANCY FELDMAN, ELAINE B GEORGIA, MEDICAL COLL OF AUGUSTA, GA	90,921
P30 AM30865-02	CNRU CORE-EFFECT DIET & TRYPTOPHAN BEHAVIOR PKU ADULTS FELDMAN, ELAINE B GEORGIA, MEDICAL COLL OF AUGUSTA, GA	90,921
P50 AM17702-10	HEPATITIS CIRRHOSIS CTR-REO VIRUS & BILIARY ATRESIA HOROWITZ, MARSHAL YESHIVA U BRONX, N Y	50,405
P60 AM20542-06	DIAB RES & TRNG CTR-FETAL DOPAMINE PROLACTIN SECRTN BEN-JONATHAN, NIRA INDIANA U - PURDUE U INDIANAPOLIS, IND	60,418
P60 AM20542-06	DIAB RES & TRNG CTR-SYMPATHETIC & VASC DYSF JUV DIAB MUELLER, SHIRLEY INDIANA U - PURDUE U INDIANAPOLIS, IND	60,418
P60 AM20557-05	MULTI ARTH CTR-JUV RHEUM ARTH EDUC DEVEL PROJECT SULLIVAN, DONITA B MICHIGAN, U OF ANN ARBOR, MICH	13,161
P60 AM20579-05	DIAB RES & TRNG CTR-FAMILY ADAPTN CONTROL JUV DIAB ANDERSON, BARBARA J WASHINGTON U ST LOUIS, MO	29,589
	SOMATOMEDIN PROTEINCOMPLEX BLETHEN, SANDRA WASHINGTON U ST LOUIS, MO	29,589

	DIABETES, COMPLIANCE & BEHAVIOR THERAPY CARNEY, ROBERT WASHINGTON U ST LOUIS, MO	29,589
P60 AM20658	MULT ARTH CTR-PED RHEUMATOLOGY-COMM PROG MODEL CARE SINGSEN, BERNARD H MISSOURI, U OF COLUMBIA, MO	46,618
P60 AM22125-05	DIAB RES & TRNG CTR-CORE-PED MODEL DEMONST UNIT CLARKE, WILLIAM L VIRGINIA, U OF CHARLOTTESVILLE, VA	60,832
R01 AM00180-31	RELATION OF HORMONES TO GROWTH AND DEVEL(HUMAN, RATS) MIGEON, CLAUDE J JOHNS HOPKINS U BALTIMORE, MD	164,688
R01 AM01022-27	ROLE OF ENDOCRINE SECRETIONS IN GROWTH AND DEVELOP VAN WYK, JUDSON J NORTH CAROLINA, U OF CHAPEL HILL, N C	176,074
R01 AM10699-17	CONTROL MECHANISMS IN DIAB & NORMAL METAB FREINKEL, NORBERT NORTHWESTERN U CHICAGO, ILL	256,309
R01 AM10894-17	GENETIC METABOLIC DISEASES OF INFANCY AND CHILDHOOD SEGAL, STANTON CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	424,219
R01 AM10956-16	CELL ULTRASTRUCTURE & FUNCTN-CYST FIBROSIS (HUMAN) SPICER, SAMUEL S SOUTH CAROLINA, MEDICAL U OF CHARLESTON, S C	18,650
R01 AM14898-20	METAB & BIOCHEM STUDIES OF BLOOD CELLS TANAKA, KOUICHI R LOS ANGELES COUNTY HARBOR-UCLA MED CTR LOS ANGELES, CALIF	107,667
R01 AM15575-11	BIOMECH STUDIES OF IDIOPATHIC SCOLIOSIS CHULTZ, ALBERT B ILLINOIS, U OF CHICAGO, ILL	138,799

R01 AM16666-10	STUDY OF ABNORMAL HEMOGLOBIN SYNTHESIS (HUMAN) KAN, YUET W CALIFORNIA, U OF SAN FRANCISCO, CALIF	218,238
R01 AM17947-09	INHERITED GRWTH DISORDERS ENDOCRINE SYSTMS (MICE) BEAMER, WESLEY G JACKSON LAB BAR HARBOR, MAINE	12,780
R01 AM17980-08	ENDO FUNCTN OF TRANSPL FETAL PANCREAS (RAT, HUMAN) BROWN, JOSIAH CALIFORNIA, U OF LOS ANGELES, CALIF	111,600
R01 AM18130-09	INSULIN & HGH--SECRETN & METAB ACTIONS (HUMAN, RATS) MERIMEE, THOMAS J FLORIDA, U OF GAINESVILLE, FLA	117,576
R01 AM19278-03	VIT D THERAPY OF RENAL OSTEODYSTROPHY IN CHILDREN NORMAN, MICHAEL E CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	149,492
R01 AM19631-06	THE HL-A SYSTEM AND GENETICS OF JUVENILE DIABETES RUBINSTEIN, PABLO NEW YORK BLOOD CENTER NEW YORK, N Y	173,993
R01 AM20010-06	CYSTIC FIBROSIS-A CELL CULTURE APPROACH (HUMAN) BRESLOW, JAN L CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	168,909
R01 AM20131-06	POSTEMBRYONIC STRIATED MUSCLE GROWTH (CHICKEN) SHEAR, CHARLES R MARYLAND, U OF AT BALTIMORE BALTIMORE, MD	73,730
R01 AM20272-04	CHARACTERIZATION OF MORPHOLOGIC CHANGES IN SCOLIOSIS BROWN, RICHARD A. CASE WESTERN RESERVE U CLEVELAND, OHIO	79,812
R01 AM21483-05	METAB FUELS, DIAB & SOMATOMEDIN ACTIVITY PHILLIPS, LAWRENCE S NORTHWESTERN U CHICAGO, ILL	111,151

R01 AM21498-05	STRUCTURE OF EPIPHYSEAL GROWTH PLATE CARTILAGE (CATTLE ROSENBERG, LAWRENCE C MONTEFIORE HOSP & MEDICAL CTR NEW YORK, N Y	110,376
R01 AM21668-06	MATURATION OF LIVER FOR METAB OF BILIRUBIN ODELL, GERARD B WISCONSIN, U OF MADISON, WIS	123,466
R01 AM21707-02	EFFECT OF GROWTH FACTORS ON BONE FORMATION (RATS) CANALIS, ERNESTO M ST. FRANCIS HOSP & MED CTR HARTFORD, CONN	40,256
R01 AM22189-04	SKELETAL METABOLIC ABNORMALITIES IN DIAB MELL (HUMAN) JOHNSTON, C CONRAD, JR INDIANA U - PURDUE U INDIANAPOLIS, IND	65,031
R01 AM24021-05	JUV DIAB MELL-EPIDEM & ETIOL (ALLEGHENY CTY) DRASH, ALLAN L CHILDRENS HOSP OF PITTSUBRGH PITTSUBRGH, PA	276,861
R01 AM25306-05	EXPERIMENTAL JUVENILE-TYPE DIABETES (MAMMALS) ROSSINI, ALDO A MASSACHUSETTS, U OF MED SCH WORCESTER, MASS	201,011
R01 AM25548-03	PROTEIN DEGRADATION INFANTILE NEPHROPATHIC CYSTINOOSIS THEONE, JESS G. MICHIGAN, U OF MED CTR ANN ARBOR, MICH	43,953
R01 AM25568-04	DEPRESSION IN NEWLY DIAGN JUV DIABETICS (HUMAN) KOVACS, MARIA PITTSBURGH, U OF PITTSBURGH, PA	186,335
R01 AM25603-05	DEVELOPMENTAL CHANGES IN INFANTS OF DIABETIC MOTHERS SCHWARTZ, HERBERT C STANFORD U STANFORD, CALIF	105,258
R01 AM25786-03	GENETIC EPIDEMIOLOGY OF RUBELLA DEAFNESS NANCE, WALTER E. MEDICAL COLL OF VIRGINIA RICHMOND, VA	124,965

R01 AM26069-03	NEUROPSYCHOLOGICAL CORRELATES OF JUV DIABETES (HUMAN) VEGA, ARTHUR PITTSBURGH, U OF PITTSBURGH, PA	92,068
R01 AM26489-03	BIOCHEM & MORPHOLOGY OF INBORN SKELETAL DISEASES EYRE, DAVID CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	109,104
R01 AM26547-05	CYSTIC FIBROSIS ANDUREMIA-SWEAT GLAND PATHOPHYSIOLOGY QUINTON, PAUL M CALIFORNIA, U OF RIVERSIDE, CALIF	131,602
R01 AM26606-03	CARRIER DETECTION IN CYSTIC FIBROSIS (HUMAN) PUNNETT, HOPE H ST CHRISTOPHERS HOSP FOR CHILDREN PHILADELPHIA, PA	65,680
R01 AM26641-03	FAT DIGESTION BY LINQUAL LIPASE IN CYST FIBROSIS HAMOSH, MARGIT GEORGETOWN U WASHINGTON, D C	67,470
R01 AM26650-03	BILE ACID MALABSORPTION IN CYSTIC FIBROSIS FONDACARO, JOSEPH D CINCINNATI, U OF CINCINNATI, OHIO	51,135
R01 AM26733-04	STUDIES OF BB RAT DIABETES WILLIAMS, ROBERT M NORTHWESTERN U CHICAGO, ILL	121,145
R01 AM26844-02	GENETICS OF INSULIN-DEPENDENT DIABETES MELLITUS (HUMAN ALPER, CHESTER A CENTER FOR BLOOD RESEARCH INC BOSTON, MASS	243,833
R01 AM26965-03	CHARAC OF COLLAGEN IN CHICKENS WITH SCOLIOSIS UCKER, ROBERT B CALIFORNIA, U OF DAVIS CALIF	67,181
R01 AM27069-03	BIOCHEM & PHARMACOLOG STUDIES CYSTIC FIBROSIS MUCIN CERAMI, ANTHONY ROCKEFELLER U NEW YORK, N Y	42,939

R01 AM27082-03	ACTIVITIES & BIOASSAY OF CYSTIC FIBROSIS FACTOR(S) BOGART, BRUCE I NEW YORK U NEW YORK, N Y	72,782
R01 AM27447-03	POLYAMINE METAB IN INTESTINAL EPITHELIAL GROWTH BAYLIN, STEPHEN B JOHNS HOPKINS U BALTIMORE, MD	91,440
R01 AM27552-03	GESTATIONAL DIABETES (PIGS, RATS) MARTIN, ROY J GEORGIA, U OF ATHENS, GA	76,232
R01 AM27624-03	METABOLISM OF THE DEVELOPING SMALL INTESTINE (RATS) KOLDOVSKY, OTAKAR ARIZONA, U OF TUCSON, ARIZ	42,376
R01 AM27845-02	FAMILY CONTEXTS OF OUTCOMES IN DIABETIC ADOLESCENTS HAUSER, STUART T JOSLIN DIABETES CTR BOSTON, MASS	192,883
R01 AM27857-02	ECCRINE SWEAT GLAND FUNCTION & CYSTIC FIBROSIS SATO, KENZO IOWA, U OF IOWA CITY, IOWA	98,791
R01 AM27876-02	EARLY ONSET INSULIN-DEPENDENT DIABETES IN DOGS SCHALL, WILLIAM D MICHIGAN STATE U EAST LANSING, MICH	99,924
R01 AM27878-02	ELECT STIMULATION IN TREATMENT OF SCOLIOSIS ORTIMER, J THOMAS CASE WESTERN RESERVE U CLEVELAND, OHIO	95,255
R01 AM27907-02	IDENTIFCATION OF ACYSTIC FIBROSIS FACTOR NELSON, THOMAS E BAYLOR COLL OF MEDICINE HOUSTON, TEX	62,272
R01 AM27927-02	SALIVARY ACINAR CELL DYSFUNCTION IN CYSTIC FIBROSIS MANGOS, JOHN A FLORIDA, U OF GAINESVILLE, FLA	51,620

R01 AM27980-03	HUMAN OBESITY-BEHAVIORAL PRECURSORS IN INFANCY GRINKER, JOEL A ROCKEFELLER U NEW YORK, N Y	110,138
R01 AM28129-04	METAB OF 13C COMPOUNDS IN DIGESTIVE DISEASES (HUMAN) KLEIN, PETER D. BAYLOR COLL OF MEDICINE HOUSTON, TEX	143,187
R01 AM28187-03	CYSTIC FIBROSIS SERUM FACTOR & CILIARY DYSKINESIA KENNEDY, JOHN R TENNESSEE, U OF KNOXVILLE, TENN	65,374
R01 AM28228-02	IMMUNOLOGICAL ANALYSISOF HUMAN A-2 MACROGLOBULIN SCIBIENSKI, ROBERT J CALIFORNIA, U OF DAVIS, CALIF	58,400
R01 AM28272-02	MUCUS STIMULATING SUBSTANCES IN CYSTIC FIBROSIS BERNINGER, RONALD W NEW ENGLAND MEDICAL CTR HOSPITALS BOSTON, MASS	93,884
R01 AM28318-02	ADHERENCE TO DIAB REGIMENS-SOCIAL LEARNING APPROACH GLASGOW, RUSSELL E NORTH DAKOTA STATE U FARGO, N D	111,302
R01 AM28477-02	RENAL PHOSPATE TRANSPORT KINETICS DURING DEVELOPMENT EDELMANN, CHESTER M, JR YESHIVA U BRONX, N Y	153,247
R01 AM28559-03	ONTOGENY OF BOVINE PITUITARY HORMONE-SPECIFIC MRNAS NILSON, JOHN H L. A. COUNTY HARBOR-UCLA MED CTR TORRANCE, CALIF	79,686
R01 AM29748-02	COLLAGEN BIOCHEM STUDIES OF OSTEOGENESIS IMPERFECTA BURGESON, ROBERT E LOS ANGELES COUNTY HARBOR-UCLA MED CTR TORRANCE CALIF	71,098
R01 AM29749-01	ADRENERGIC REGULATORY SYSTEMS IN CYSTIC FIBROLSIS BYLUND, DAVID B MISSOURI, U OF COLUMBIA, MO	95,580

R01 AM29890-01	CORRECTION OF CONGENITAL HYDRONEPHROSIS IN UTERO HARRISON, MICHAEL R CALIFORNIA, U OF SAN FRANCISCO, CALIF	164,544
R01 AM29911-01	STUDY OF AMINO ACID METAB USING STABLE ISOTOPES TANAKA, KAY YALE U NEW HAVEN, CONN	224,923
R01 AM29956-03	ANALYSIS OF CF SERUM CALCIUM TRANSPORT FACTOR (HUMAN) BANSCHBACH, MARTIN W OKLAHOMA COLL OF OSTEO MED & SURG TULSA, OKLA	40,658
R01 AM29979-01	PROXIMAL FEMUR LOAD TRANSMISSION IN EARLY CHILDHOOD BROWN, THOMAS D PITTSBURGH, U OF PITTSBURGH, PA	106,083
R01 AM30235-01	THREE-DIMENSIONAL SHAPE MEASURE IN SCOLIOSIS ORELAND, MOREY S VERMONT, U OF BURLINGTON VT	100,122
R01 AM30260-02	TROPHIC EFFECTS OF CCK AND DIET ON PANCREAS (RATS) SOLOMON, TRAVIS E MISSOURI, U OF COLUMBIA, MO	52,310
R01 AM30325-01	GLYCOSYLATION OF INTERSTITIAL PROCOLLAGENS CLARK, CHARLES C UNIVERSITY CITY SCIENCE CTR PHILADELPHIA, PA	122,869
R01 AM30426-01	TYPE I COLLAGEN BIOSYN IN OSTEOGENESIS IMPERFECTA ROWE, DAVID W CONNECTICUT, U OF HEALTH CENTER FARMINGTON, CONN	82,172
R01 AM30944-01	EFFECTS OF DIABETES & MALNUTRITION ON SKELETAL GROWTH BUCKWALTER, JOSEPH A. BURGESON, ROBERT E IOWA CITY, IOWA	70,631
R01 AM31149-01	BIOINACTIVE GROWTH HORMONE (HUMAN) RUDMAN, DANIEL EMORY U ATLANTA, GA	112,109

R01 AM31305-01	IMMUNOCHEMICAL ANALYSIS OF MYOSIN DURING MYOGENESIS BADER, DAVID M CORNELL U MED CTR NEW YORK, N Y	112,984
R01 AM31319-01	CYSTIC FIBROSIS-PROTEIN SYNTHESIS IN VARIOUS CELLS MC CONKEY, EDWIN H COLORADO, U OF BOULDER, COLO	70,266
R01 AM31385-01	ANIMOTHIOLS IN CYSTINOSIS SCHNEIDER, JERRY A. CALIFORNIA, U OF LA JOLLA, CALIF	51,213
R01 AM31420-01	METABOLIC ACTIVITY OF GROWTH FACTORS ELDERS, M JOYCELYN LITTLE ROCK, ARK	72,225
R01 AM32044-01	CELL-MEDIATED IMMUNITY IN CYSTIC FIBROSIS PARMELY, MICHAEL J KANSAS, U OF COLL HLTH SCI KANSAS CITY, KANS	61,996
R01 AM32085-01	STRUCTURE OF INSULIN-LIKE GENES/HLA & JUV DIAB EFSTRATIADIS, ARGIRIS COLUMBIA U NEW YORK, N Y	184,405
R01 AM32376-01	BRAIN STEM FUNCTIONING IN IDIOPATHIC SCOLIOSIS HERMAN, RICHARD M. CATHOLIC MEDICAL CENTER MANCHESTER, N H	55,468
R01 AM32450-01	SALIVARY ACINAR CELL DYSFUNCTION IN CYSTIC FIBROSIS MANGOS, JOHN A TEXAS, U OF HLTH SCIENCE CTR SAN ANTONIO, TEX	48,824
R01 AM32481-01	GLYCOSYLATION OF INTERSTITIAL PROCOLLAGENS CLARK, CHARLES C PENNSYLVANIA, U OF PHILADELPHIA, PA	58,313
R01 AM32944-01	HUMAN OBESITY-BEHAVIORAL PRECURSORS IN INFANCY GRINKER, JOEL A MICHIGAN, U OF ANN ARBOR, MICH	24,621

R13 AM30496-01	CONFERENCE ON CYSTIC FIBROSIS (MARYLAND) TALAMO, RICHARD C CYSTIC FIBROSIS FDN BOSTON, MASS	14,475
R22 AM12432-14	STUDIES OF HUMAN ZINC DEFICIENCY HAMBIDGE, K MICHAEL COLORADO, U OF HLTH SCIENCES CTR DENVER, COLO	128,196
R23 AM28540-02	DISORDERS OF CONNECTIVE TISSUE METABOLISM (HUMAN) RAUGI, GREGORY J WASHINGTON, U OF SEATTLE, WASH	45,225
R23 AM28642-02	RESPONSE TO DIETARY PROTEINS IN PANCREATIC INSUFF. ULSHEN, MARTIN H NORTH CAROLINA, U OF CHAPEL HILL, N C	45,643
R23 AM30513-01	CALCIUM TRANSPORT IN THE INTESTINE DURING LACTATION HALLORAN, BERNARD P CALIFORNIA, U OF SAN FRANCISCO, CALIF	40,026
R23 AM30762-01	GI HORMONES & SURGICAL ENHANCEMENT OF GUT FUNCTION SCHWARTZ, MARSHALL Z TEXAS, U OF GALVESTON, TEX	47,026
R23 AM31246-01	ELECTROPHORETIC SEPARATION OF THE OSTEOCLAST PRECURSOR HEFLEY, THOMAS J NORTHWESTERN U CHICAGO, ILL	49,101
U01 AM30590-01	DIABETES CONTROL AND COMPLICATIONS GOLDSTEIN, DAVID E MISSOURI, U OF COLUMBIA, MO	33,827
U01 AM30598-01	DIABETES CONTROL AND COMPLICATIONS ETZWILER, DONNEL D ST LOUIS PARK MED CTR MINNEAPOLIS, MINN	45,722
U01 AM30609-01	DIABETES CONTROL AND COMPLICATIONS SERVICE, F JOHN MAYO FDN ROCHESTER, MINN	85,667

U01 AM30611-01	DIABETES CONTROL AND COMPLICATIONS RASKIN, PHILIP TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	46,365
U01 AM30618-01	DIABETES CONTROL AND COMPLICATIONS TAMBORLANE, WILLIAM V YALE U NEW HAVEN, CONN	33,142
U01 AM30619-01	JUVENILE DIABETES- INTENSIVE THERAPY CLINICAL TRIAL BAKER, LESTER CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	32,829
U01 AM30620-01	DIABETES CONTROL AND COMPLICATIONS LORENZ, RODNEY A VANDERBILT U NASHVILLE, TENN	34,631
U01 AM30625-01	DIABETES CONTROL AND COMPLICATIONS KITABCHI, ABBAS E TENN, U OF CTR HEALTH SCIENCES MEMPHIS, TENN	46,953
U01 AM30626-01	VASCULAR COMPLICATIONS OF INSULIN-DEPENDENT DIABETES BARBOSA, JOSE J. MINNESOTA, U OF ST PAUL, MINN	35,243
U01 AM30627-01	DIABETES CONTROL AND COMPLICATIONS JOVANOVIC, LOIS CORNELL U MED CTR NEW YORK, N Y	38,274
U01 AM30628-01	DIABETES CONTROL AND COMPLICATIONS GENUTH,SAUL M CASE WESTERN RESERVE U CLEVELAND, OHIO	23,884
U01 AM30632-01	DIABETES CONTROL AND COMPLICATIONS ZINMAN, BERNARD TORONTO, U OF TORONTO, CANADA	14,795
U01 AM30633-01	DIABETES CONTROL AND COMPLICATIONS RAND, LAWRENCE I JOSLIN DIABETES CTR BOSTON, MASS	68,848

U01 AM30636-01	DIABETES CONTROL AND COMPLICATIONS WHITEHOUSE, FRED W HENRY FORD HOSP DETROIT, MICH	35,874
U01 AM30643-01	DIABETES CONTROL AND COMPLICATIONS NATHAN, DAVID M MASSACHUSETTS GENERAL HOSP BOSTON, MASS	26,592
U01 AM30651-01	DIABETES CONTROL AND COMPLICATIONS COLWELL, JOHN A. SOUTH CAROLINA, MEDICAL U OF CHARLESTON, S C	36,054
U01 AM30653-01	DIABETES CONTROL AND COMPLICATIONS SANTIAGO, JULIO V WASHINGTON U ST LOUIS, MO	63,161
U01 AM30659-01	DIABETES CONTROL AND COMPLICATIONS SCHROTT, HELMUT G IOWA, U OF IOWA CITY, IOWA	44,174
U01 AM30665-01	DIABETES CONTROL AND COMPLICATIONS DRASH, ALLAN L PITTSBURG, U OF PITTSBURG, PA	35,744
U01 AM30666-01	DIABETES CONTROL AND COMPLICATIONS DUPRE, JOHN WESTERN ONTARIO, U OF LONDON, CANADA	22,348
Z01 AM25029-04	EARLY MAMMAL DEVEL-GENE EXPRSSN MATURE OOCYTE & EMBRY TSUJI, M HHS-NIH BETHESDA, MD	85,000
Z01 AM25034-03	PROCESSING OF MAMMALIAN SPERM NUCLEI BY MOUSE OOCYTES DEAN, J HHS-NIH BETHESDA, MD	43,000
Z01 AM25039-01	EARLY MAMMAL DEVEL-IMMUNOLOGICAL STDIES ZONE PELLUCID EAST, I HHS-NIH BETHESDA, MD	85,000

Z01 AM49001-09	CLINICAL STUDIES IN CYSTIC FIBROSIS DISANTAGNESE, P A HHS-NIH BETHESDA, MD	172,000
Z01 AM49004-03	FATTY ACIDS & MEMBRANE FUNCTION IN CYSTIC FIBROSIS HUBBARD, V S HHS-NIH BETHESDA, MD	86,000
Z01 AM49006-02	OLIGOSACCHARIDE STRUCTS OF HUMAN ALPHA2-MACROGLOBULIN LOWE, M E HHS-NIH BETHESDA, MD	129,000
Z01 AM49007-01	THE FAT CELL AS A MODEL IN CYSTIC FIBROSIS SPASOVSKA-CHERNICK, M HHS-NIH BETHESDA, MD	57,000
Z01 AM52006-03	PATHOPHYS & THPY OF FIBRODYSPLASIA OSSIFICANS PROGRSVA ZASLOFF, M. A. HHS-NIH BETHESDA, MD	69,000
Z01 AM54027-03	GRTH HORMONE THERAPY IN GRTH HORMONE DEFICIENT SUBJS BOQARDUS, C HHS-NIH BETHESDA, MD	
Z01 AM69001-13	COMPLICATIONS & OUTCOME OF DIAB & PREDIAB PREGNANCIES PETTITT, D J HHS-NIH BETHESDA, MD	168,000
		12,533,051

NATIONAL CANCER INSTITUTE*

N01 CM07342-01	CLINICAL TRIALS IN PEDIATRIC PATIENTS SULLIVAN, MARGARET UNIVERSITY OF TEXAS SYSTEM CANCER CENTER HOUSTON TEX	
N01 CM07463-01	CLINICAL TRIALS IN PEDIATRIC PATIENTS TAN, CHARLOTTE T MEMORIAL HOSPITAL FOR CANCER-ALLIED DIS NEW YORK N Y	
N01 CM07464-02	STUDIES OF INDICINE-N-OXIDE WITH PEDIATRIC PATIENTS MISER, JAMES OHIO STATE UNIVERSITY COLUMBUS OHIO	
N01 CM07467-01	CLINICAL TRIALS IN PEDIATRIC PATIENTS HIGGINS, GUSSIE R CHILDREN'S HOSPITAL OF LOS ANGELES LOS ANGELES CALIF	
N01 CM07470-01	PHARMACOLOGICAL TRIALS PEDIATRIC PATIENTS BAUM, EDWARD S ILLINOIS CANCER COUNCIL CHICAGO ILL	
N01 CN65374-17	CHILDREN'S CANCER STUDY GROUP--CANCER CONTROL PROGRAM HAMMOND, G DENMAN UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES CALIF	453,905
N01 CP01000-03	MORBIDITY IN CHILDHOOD CANCER SURVIVORS AND OFFSPRING AUSTIN, DONALD F CALIFORNIA STATE DEPT OF HEALTH SERVICES EMERYVILLE CALIF	
N01 CP01001-02	STUDY CHILDHOOD CANCER SURVIVORS AND OFFSPRINGS LATOURETTE, HOWARD B UNIVERSITY OF IOWA IOWA CITY IOWA	
N01 CP01002-01	MORBIDITY IN CHILDHOOD CANCER SURVIVORS AND OFFSPRING MEIGS, J WISTER YALE UNIVERSITY NEW HAVEN CONN	

*Projects shown without funds were active, but received funding in previous years.

N01 CP01035-03	MORBIDITY IN CHILDHOOD CANCER SURVIVORS AND OFFSPRING STRONG, LOUIS C UNIVERSITY OF TEXAS SYSTEM CANCER CENTER HOUSTON TEX	
N01 CP01036-01	MORBIDITY IN CHILDHOOD CANCER SURVIVORS AND OFFSPRING HOLMES, FREDERICK F UNIVERSITY OF KANSAS COL HLTH SCI & HOSP KANSAS CITY KANS	
N01 CP01042-04	RADIATION RISK IN ISRAELI CHILDREN WITH TINEA CAPITIS MODAN, BARUCH CHAIM SHEBA MEDICAL CENTER TEL HASHOMER ISREAL	190,000
N01 CP11008-01	CANCER FOLLOWING TONSIL IRRADIATION IN CHILDHOOD LARSON, P REED BRIGHAM AND WOMEN'S HOSPITAL BOSTON MASS	34,987
N01 CP15766-09	TRANSPLACENTAL CARCINOGENESIS STUDIES IN PRIMATES SLY, D LEWIS MELOY LABORATORIES SPRINGFIELD VA	235,138
N01 CP33308-14	RNA TUMOR VIRUS GENOME EXPRESSION IN MALIGNANT CELLS BOLOGNESI, DANI DUKE UNIVERSITY DURHAM N C	189,000
N01 CP91002-05	EVALUATION OF THE VIRAL ETIOLOGY OF BURKITT'S LYMPHOMA NKPUMAH, F K UNIVERSITY OF GHANA LEGON GHANA	12,500
P01 CA14489-09	CHILDREN'S CANCER RESEARCH CENTER D'ANGIO, GIULIO J CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA PA	908,573
P01 CA18662-08	A PROGRAM FOR INVESTIGATION OF CHILDHOOD TUMORS NATHAN, DAVID G DANA-FARBER CANCER INSTITUTE BOSTON MASS	752,759
P01 CA19589-07	CLINICAL CANCER RESEARCH CENTER FREI, EMIL, III DANA-FARBER CANCER INSTITUTE BOSTON MASS	2,233,799

P01 CA20180-05	LEUKEMIA PROGRAM PROJECT SIMONE, JOSEPH V ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	1,418,990
P01 CA21737-06	PEDIATRIC ONCOLOGY PROGRAM PROJECT KRIVIT, WILLIAM UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	609,407
P01 CA23099-05	STUDIES OF CHILDHOOD SOLID TUMORS SIMONE, JOSEPH V ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	635,024
P01 CA23766-05	MARROW TRANSPLANTATION IN APLASTIC ANEMIA & LEUKEMIA O'REILLY, RICHARD J SLOAN-KETTERING INSTITUTE FOR CANCER RES NEW YORK N Y	1,388,875
P01 CA30206-02	BONE MARROW TRANSPLANTATION FOR HEMATOLOGIC MALIGNANCY BLUME, KARL G CITY OF HOPE NATIONAL MEDICAL CENTER DUARTE CALIF	667,988
P01 CA33050-01	TRANSPLANTATION OF LETHAL CONGENITAL IMMUNODEFICIENCIES O'REILLY, RICHARD J MEMORIAL HOSPITAL FOR CANCER-ALLIED DIS NEW YORK N Y	486,098
R01 CA17364-08	MUTAGENIC ACTION OF CANCER THERAPY ON TESTIS CELLS MEISTRICH, MARVIN L UNIVERSITY OF TEXAS SYSTEM CANCER CENTER HOUSTON TEX	99,082
R01 CA17534-05	LYMPHOCYTE DIFFERENTIATION IN CHILDHOOD LEUKEMIA KAPLAN, JOSEPH CHILDREN'S HOSPITAL OF MICHIGAN DETROIT MICH	
R01 CA18602-08	IMMUNOCOMPETENT CELLS IN ACUTE LYMPHOCYTIC LEUKEMIA CASPER, JAMES T MEDICAL COLLEGE OF WISCONSIN MILWAUKEE WIS	109,330
R01 CA20084-06	EXOGENOUS MATERNAL HORMONES AND CANCER IN DAUGHTERS HERBST, ARTHUR L UNIVERSITY OF CHICAGO CHICAGO ILL	115,334

R01 CA20462-07	CHILDHOOD BRAIN TUMOR CONSORTIUM GILLES, FLOYD H CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	555,287
R01 CA20960-05	METABOLIC STUDY OF ADULT AND PEDIATRIC CANCER PATIENTS HOLROYDE, CHRISTOPHER P LANKENAU HOSPITAL PHILADELPHIA PA	10,607
R01 CA21819-06	THE S E E R REGISTRIES STUDY OF CHILDHOOD BRAIN TUMORS LEVITON, ALAN CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	109,521
R01 CA22335-06	TRANSPLACENTAL CARCINOGENESIS MILLER, RICHARD K UNIVERSITY OF ROCHESTER ROCHESTER N Y	122,663
R01 CA22794-05	HUMAN NEUROBLASTOMA ANTIGENS SEEGER, ROBERT C UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIF	146,593
R01 CA23692-06	POTENTIAL HAZARDS OF PHOTOTHERAPY SPECK, WILLIAM T CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	69,390
R01 CA23968-04	THERAPY-INDUCED GROWTH DISORDERS IN CHILDHOOD CANCER DUCK, STEPHEN C MEDICAL COLLEGE OF WISCONSIN MILWAUKEE WIS	
R01 CA24820-03	MEMBRANE BIOCHEMISTRY IN DRUG RESISTANT NEUROBLASTOMA BASKIN, FRED UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS DALLAS TEX	89,125
R01 CA26141-03	CELL-MEDIATED CYTOTOXICITY IN CHILDREN WITH NEOPLASMS YU, ALICE L UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIF	
R01 CA26226-03	CHILDHOOD NEUROBLASTOMA: ANTIGENIC CHARACTERISTICS CASPER, JAMES T MEDICAL COLLEGE OF WISCONSIN MILWAUKEE WIS	

R01 CA26809-03 ONCODEVELOPMENTAL GENE EXPRESSION IN LEUKEMIA 89,526
ROY-BURMAN, PRADIP
UNIVERSITY OF SOUTHERN CALIFORNIA
LOS ANGELES CALIF

R01 CA26907-03 CANCER THERAPY: EMERGENCE OF 6-TG RESISTANT LYMPHOCYTE
LANGE, BEVERLY J
CHILDREN'S HOSPITAL OF PHILADELPHIA
PHILADELPHIA PA

R01 CA27073-03 CELLULAR ENZYME CHANGES IN CHILDHOOD LEUKEMIA 70,746
DUNN, NANCY L
VIRGINIA COMMONWEALTH UNIVERSITY
RICHMOND VA

R01 CA27535-03 TERTOGENICITY OF TRANSPLACENTAL DES IN MICE
WALKER, BRUCE E
MICHIGAN STATE UNIVERSITY
EAST LANSING MICH

R01 CA27612-03 ENDOCRINE RADIOTHERAPY OF TUMORS OF HEAD AND NECK 68,752
SAMAAN, NAGUIB A
UNIVERSITY OF TEXAS SYSTEM CANCER CENTER
HOUSTON TEX

R01 CA27661-03 SISTER CHROMATID EXCHANGE IN ALL 39,686
PALMER, CATHERINE G
INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS
INDIANAPOLIS IND

R01 CA27740-03 TREATMENT OF HUMAN T-CELL LEUKEMIA 63,905
YU, ALICE L
UNIVERSITY OF CALIFORNIA SAN DIEGO
LA JOLLA CALIF

R01 CA27924-02 CULTURE, SENSITIVITY OF MALIGNANT LYMPHOID COLONIES
SMITH, STEPHEN D
UNIVERSITY OF KANSAS COL HLTH SCI & HOSP
KANSAS CITY KANS

R01 CA27925-02 GENETIC ETIOLOGY AND CONSEQUENCES OF CHILDHOOD CANCER 125,707
STRONG, LOUISE C
UNIVERSITY OF TEXAS SYSTEM CANCER CENTER
HOUSTON TEX

R01 CA28392-03 HUMAN LEUKEMIA: STEROID BINDING, RESPONSE, RESISTANCE 109,279
SHERMAN, MERRY R
SLOAN-KETTERING INSTITUTE FOR CANCER RES
NEW YORK N Y

R01 CA28448-03	FORSSMAN ANTIGEN/ANTIBODY AND HUMAN ADENOCARCINOMA LEVINE, PHILIP SLOAN-KETTERING INSTITUTE FOR CANCER RES NEW YORK N Y	51,148
R01 CA28531-03	NUTRITION SUPPORT OF CHILDREN WITH WILMS' TUMORS RICKARD, KARYL A INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS IND	41,673
R01 CA28740-03	SPECIFIC IMMUNOTHERAPY WITH MONOCLONAL ANTIBODIES BAST, ROBERT C, JR DANA-FARBER CANCER INSTITUTE BOSTON MASS	102,937
R01 CA28818-03	GLUCOCORTICOID BINDING MATERIALS IN LEUKEMIA CELLS MC CAFFREY, RONALD P UNIVERSITY HOSPITAL BOSTON MASS	170,254
R01 CA29079-03	STUDIES OF RETROVIRUSES FROM HUMAN LYMPHOMA CELLS KAPLAN, HENRY S STANFORD UNIVERSITY STANFORD CALIF	144,613
R01 CA29275-03	HEREDITY AND ENVIRONMENT IN CHILDHOOD CANCER MEADOWS, ANNA T CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA PA	149,434
R01 CA29461-03	TROPHOBLASTIC TUMORS: NEW ORGANISM/IMMUNOLOGY/THERAPY BREWER, JOHN I NORTHWESTERN UNIVERSITY CHICAGO ILL	39,265
R01 CA29675-02	EFFECTS OF EXPOSURE TO CARCINOGENS ON BLASTOCYSTS IANNACCONE, PHILIP M NORTHWESTERN UNIVERSITY CHICAGO ILL	46,690
R01 CA29883-01	X-RAY AND MOLECULAR PROBES OF RETINOBLASTOMA WEICHSELBAUM, RALPH R HARVARD UNIVERSITY BOSTON MASS	193,860
R01 CA30103-02	MICRODETECTION ASSAY FOR DRUG-RESISTANT LEUKEMIA CELLS BECK, WILLIAM T ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	68,814

R01 CA30196-02	IMMUNOPATHOLOGY OF X-LINKED LYMPHOPROLIFERATIVE SYNDROM PURTILO, DAVID T UNIVERSITY OF NEBRASKA MEDICAL CENTER OMAHA NEBR	199,057
R01 CA30501-02	ISOLATION AND CHARACTERIZATION OF THE COMMON ALL ANTIGE MILLS, BONNIE J CITY OF HOPE RESEARCH INSTITUTE DUARTE CALIF	83,872
R01 CA30604-02	PREVENTION OF ENU-INDUCED BRAIN CANCER BY RETINOIDS HILL, DONALD L SOUTHERN RESEARCH INSTITUTE BIRMINGHAM ALA	100,524
R01 CA30995-02	MUTAGENICITY AND CYTOTOXICITY OF ANTINEOPLASTIC DRUGS GOLDSTEIN, LAWRENCE S UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIF	109,582
R01 CA31218-02	THYROTROPINS FROM TUMORS OF TROPHOBLASTIC ORIGIN AMIR, SYED M BETH ISRAEL HOSPITAL BOSTON MASS	81,255
R01 CA31275-01	ANTIBODY TREATED HAPLOIDENTICAL MARROW TRANSPLANTATION PARKMAN, ROBERTSON SIDNEY FARBER CANCER INSTITUTE BOSTON MASS	184,399
R01 CA31351-02	A RAT MODEL OF RADIATION-METHOTREXATE NEUROTOXICITY BLEYER, W ARCHIE CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR SEATTLE WASH	60,448
R01 CA31900-01	ORGAN IRRADIATION AND CANCER DRUG PHARMACOLOGY HOLCENBERG, JOHN S MEDICAL COLLEGE OF WISCONSIN MILWAUKEE WIS	48,833
R01 CA32064-01	IDENTIFICATION OF GENES PREDISPOSING TO CHILDHOOD CANCE STRONG, LOUISE C UNIVERSITY OF TEXAS SYSTEM CANCER CENTER HOUSTON TEX	159,532
R01 CA32301-01	NEUROPSYCHOLOGIC THERAPY EFFECT--CHILDHOOD AL LEUKEMIA MILLER, DENIS R MEMORIAL HOSPITAL FOR CANCER-ALLIED DIS NEW YORK N Y	35,106

R01 CA32306-01	EFFECTS OF TUMOR PROMOTERS ON MAMMALIAN EMBRYOGENESIS MANDEL, H GEORGE GEORGE WASHINGTON UNIVERSITY WASHINGTON D C	58,504
R01 CA32949-01	BIOSYNTHESIS AND SECRETION OF HCG BY HUMAN TROPHOBLASTS RUDDON, RAYMOND W UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	185,248
R01 CA34188-01	TESTICULAR CANCER & PRENATAL DES EXPOSURE MOSS, ANDREW R UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIF	74,518
R01 CA34710-01	CULTURE AND SENSITIVITY OF MALIGNANT LYMPHOID COLONIES SMITH, STEPHEN D STANFORD UNIVERSITY STANFORD CALIF	41,772
R01 CA34840-02	ORGAN IRRADIATION AND CANCER DRUG PHARMACOLOGY HOLCENBERG, JOHN STANLEY CHILDREN'S HOSPITAL OF LOS ANGELES LOS ANGELES CALIF	85,469
R01 CA34871-01	TREATMENT OF DISTRESS IN PEDIATRIC CANCER PATIENTS JAY, SUSAN M CHILDREN'S HOSPITAL OF LOS ANGELES LOS ANGELES CALIF	67,762
R10 CA05436-20	CHILDREN'S CANCER STUDY GROUP A SHAHIDI, NASROLLAH T UNIVERSITY OF WISCONSIN MADISON MADISON WISH	
R10 CA07439-17	CHILDREN'S CANCER STUDY GROUP A ALBO, VINCENT C CHILDREN'S HOSPITAL OF PITTSBURGH PITTSBURGH PA	
R10 CA16118-08	CANCER AND LEUKEMIA GROUP B--CENTRAL OFFICE HOLLAND, JAMES F MOUNT SINAI SCHOOL OF MEDICINE NEW YORK N Y	
R10 CA28268-02	MULTIMODALITY THERAPY OF CHILDREN AND ADOLESCENTS SINKS, LUCIUS F GEORGETOWN UNIVERSITY WASHINGTON D C	

R10 CA31941-01	DES EXPOSURE IN UTERO AND CANCER RISK (DESAD PROJECT) TOWNSEND, DUANE CEDARS-SINAI MEDICAL CENTER LOS ANGELES CALIF	117,981
R10 CA32234-01	DES EXPOSURE IN UTERO AND CANCER RISK (DESAD PROJECT) BARNES, ANN B MASSACHUSETTS GENERAL HOSPITAL BOSTON MASS	118,750
R10 CA32235-01	DES EXPOSURE IN UTERO AND CANCER RISK (DESAD PROJECT) NOLLER, KENNETH L MAYO FOUNDATION ROCHESTER MINN	118,749
R10 CA32236-01	DES EXPOSURE IN UTERO AND CANCER RISK (DESAD PROJECT) KAUFMAN, RAYMOND H BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	128,284
R10 CA32237-01	DES EXPOSURE IN UTERO AND CANCER RISK (DESAD PROJECT) KURLAND, LEONARD T MAYO FOUNDATION ROCHESTER MINN	225,000
R13 CA32556-01	INTERNAT'L SYMPOSIUM ON LEUKEMIA CELL BIOLOGY & THERAPY MAUER, ALVIN M ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	3,000
R18 CA17806-06	CHILDHOOD CANCER: PSYCHOSOCIAL REHABILITATION LANSKY, SHIRLEY B UNIVERSITY OF KANSAS COL HLTH SCI & HOSP KANSAS CITY KANS	
R18 CA22049-03	COMMUNITY CHILDHOOD CANCER CONTROL FOR FLORIDA TALBERT, JAMES L FLORIDA ASSN OF PEDIATRIC TUMOR PROG GAINESVILLE FLA	
R18 CA24079-03	NEUROPSYCHOLOGICAL EFFECTS OF LEUKEMIA & ITS TREATMENT BERG, RICHARD A ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	
R18 CA25271-03	PEDIATRIC CANCER CONTROL: SCHOOL AND NURSING OUTREACH CAIRNS, NANCY U UNIVERSITY OF KANSAS COL HLTH SCI & HOSP KANSAS CITY KANS	

R18 CA25402-04	COMPLICATIONS OF CNS PROPHYLAXIS IN CHILDHOOD ALL FREEMAN, ARNOLD I ROSWELL PARK MEMORIAL INSTITUTE BUFFALO N Y	203,283
R18 CA25521-03	PRIMARY PREVENTION OF CANCER IN CHILDHOOD ARNOLD, CHARLES B AMERICAN HEALTH FOUNDATION NEW YORK N Y	497,633
R18 CA26191-04	CANCER INFORMATION EXCHANGE MEADOWS, ANNA T CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA PA	105,648
R18 CA26292-03	PAIN AND ANXIETY IN CHILDREN WITH ACUTE LEUKEMIA KELLERMAN, JONATHAN CHILDREN'S HOSPITAL OF LOS ANGELES LOS ANGELES CALIF	
R18 CA27112-03	CANCER RISK AMONG WOMEN EXPOSED TO DES IN PREGNANCY GREENBERG, ROBERT E DARTMOUTH COLLEGE HANOVER N H	329,225
R18 CA27376-03	USE OF SELF-HYPNOSIS FOR CONTROL OF PAIN ZELTZER, LONNIE K UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT SAN ANTONIO TEX	
R18 CA28005-03	PREVENTION/REVERSAL OF MALNUTRITION IN NEUROBLASTOMA BAEHNER, ROBERT L INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS IND	45,662
R18 CA29558-03	SMOKING PREVENTION IN YOUTH: MOTIVATIONAL STRATEGIES COVINGTON, MARTIN V UNIVERSITY OF CALIFORNIA BERKELEY BERKELEY CALIF	172,543
R18 CA29640-02	SMOKING PREVENTION TRAINING FOR YOUTH SCHINKE, STEVEN P UNIVERSITY OF WASHINGTON SEATTLE WASH	323,552
R18 CA30563-02	COMPUTER ASSISTED PEDIATRIC CANCER MANAGEMENT KISKER, C THOMAS UNIVERSITY OF IOWA IOWA CITY IOWA	99,047

R23 CA30025-02	TREATMENT OF REFRACTORY LEUKEMIA WITH 2' DEOXYCOFORMYCI KOLLER, CHARLES A UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	56,880
R23 CA30067-02	LYMPHOCYTE CARCINOGEN METABOLISM IN ACUTE LEUKEMIA BLUMER, JEFFREY L CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	52,657
R23 CA33947-01	ANALYSIS OF GENETIC HETEROGENEITY IN FANCONI ANEMIA AUERBACH, ARLEEN D ROCKEFELLER UNIVERSITY NEW YORK N Y	57,675
R26 CA27418-03	SEX STEROID IMPRINTING AND PROSTATIC GROWTH CHUNG, LELAND W UNIVERSITY OF COLORADO AT BOULDER BOULDER COLO	
T32 CA09070-08	PEDIATRIC HEMATOLOGY AND ONCOLOGY VAN EYS, JAN UNIVERSITY OF TEXAS SYSTEM CANCER CENTER HOUSTON TEX	44,731
T32 CA09148-04	PEDIATRIC HEMATOLOGY-ONCOLOGY LAMKIN,BEATRICE C CHILDREN'S HOSPITAL MEDICAL CENTER CINCINNATI OHIO	24,490
T32 CA09172-08	CANCER TREATMENT AND RESTORATIVE CARE FREI, EMIL III DANA-FARBER CANCER INSTITUTE BOSTON MASS	268,177
T32 CA09200-07	MEDICAL ONCOLOGY, HEMATOLOGY, AND PHARMACOLOGY CADMAN, ED YALE UNIVERSITY NEW HAVEN CONN	119,386
T32 CA09319-05	ONCOLOGY THOMAS, E DONNALL UNIVERSITY OF WASHINGTON SEATTLE WASH	166,175
T32 CA09346-04	CANCER BIOLOGY FISHMAN, MARVIN ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	144,000

T32 CA09351-04	PEDIATRIC ONCOLOGY BERNSTEIN, IRWIN D FRED HUTCHINSON CANCER RESEARCH CENTER SEATTLE WASH	66,589
T32 CA09357-03	ONCOLOGY MITCHELL, BEVERLY S UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	63,192
T32 CA09445-01	PEDIATRIC ONCOLOGY TRAINING PROGRAM NESBIT, MARK E UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	66,129
U10 CA02649-27	CHILDREN'S CANCER STUDY GROUP ORTEGA, JORGE A CHILDREN'S HOSPITAL OF LOS ANGELES LOS ANGELES CALIF	287,900
U10 CA02971-27	CHILDREN'S CANCER STUDY GROUP HEYN, RUTH M UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR MICH	154,015
U10 CA03161-26	PEDIATRIC ONCOLOGY GROUP FERNBACH, DONALD J BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	194,920
U10 CA03526-26	CHILDREN'S CANCER STUDY GROUP PIOMELLI, SERGIO COLUMBIA UNIVERSITY NEW YORK N Y	92,589
U10 CA03713-26	PEDIATRIC ONCOLOGY GROUP VAN EYS, JAN UNIVERSITY OF TEXAS SYSTEM CANCER CENTER HOUSTON TEX	267,002
U10 CA03750-26	CHILDREN'S CANCER STUDY GROUP NEWTON, WILLIAM A, JR CHILDREN'S HOSPITAL COLUMBUS OHIO	140,298
U10 CA03888-26	CHILDREN'S CANCER STUDY GROUP LEIKIN, SANFORD L CHILDREN'S HOSPITAL NATIONAL MEDICAL CTR WASHINGTON D C	152,070

U10 CA04646-23	"CHEMOTHERAPY OF ACUTE LEUKEMIA AND RELATED DISORDERS" KYLE, ROBERT A MAYO FOUNDATION ROCHESTER MINN	5,034
U10 CA05587-23	PEDIATRIC ONCOLOGY GROUP VIETTI, TERESA J WASHINGTON UNIVERSITY SAINT LOUIS MO	354,004
U10 CA07306-20	CHILDRENS CANCER STUDY GROUP NESBIT, MARK E, JR UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	222,590
U10 CA07431-20	CHILDRENS CANCER STUDY GROUP A MAURER, HELEN S CHILDREN'S MEMORIAL HOSPITAL CHICAGO ILL	125,123
U10 CA08025-18	CANCER AND ACUTE LEUKEMIA GROUP B LEONE, LOUIS A RHODE ISLAND HOSPITAL PROVIDENCE R I	82,621
U10 CA10198-14	CHILDREN'S CANCER STUDY GROUP OBRIEN, RICHARD T UNIVERSITY OF UTAH SALT LAKE CITY UTAH	
U10 CA10382-17	CHILDRENS CANCER STUDY GROUP CHARD, RONALD L, JR CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR SEATTLE WASH	178,434
U10 CA11174-14	CHILDREN'S CANCER STUDY GROUP COHEN, HARVEY J UNIVERSITY OF ROCHESTER ROCHESTER N Y	65,889
U10 CA11233-15	PEDIATRIC ONCOLOGY GROUP HUMPHREY, GEORGE B UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR OKLAHOMA CITY OKLA	136,232
U10 CA11722-14	NATIONAL WILMS TUMOR STUDY D'ANGIO, GIULIO J AMERICAN ACADEMY OF PEDIATRICS EVANSTON ILL	318,175

U10 CA11796-14	CHILDREN'S CANCER STUDY GROUP EVANS, AUDREY E CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA PA	248,502
U10 CA13539-11	CHILDREN'S CANCER STUDY GROUP - CHAIRMAN'S GRANT HAMMOND, G DENMAN UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES CALIF	1,158,885
U10 CA13809-11	COOPERATIVE STUDY OF CHILDREN'S CANCER BAEHNER, ROBERT L INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS IND	176,836
U10 CA14560-10	THE CHILDREN'S CANCER STUDY GROUP FINKLESTEIN, JERRY Z LOS ANGELES COUNTY HARBOR-UCLA MED CTR TORRANCE CALIF	91,656
U10 CA15525-10	PEDIATRIC ONCOLOGY GROUP STUDIES FALLETTA, JOHN M DUKE UNIVERSITY DURHAM N C	129,650
U10 CA15989-09	PEDIATRIC ONCOLOGY GROUP PULLEN, D JEANETTE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER JACKSON MISS	142,769
U10 CA15995-07	PEDIATRIC ONCOLOGY GROUP BERRY, DAISILEE H UNIVERSITY OF ARKANSAS MED SCIENCES LITTLE ROCK ARK	42,961
U10 CA16388-06	PEDIATRIC ONCOLOGY GROUP(POG) MORGAN, SAMUEL K MD MEDICAL UNIVERSITY OF SOUTH CAROLINA CHARLESTON S C	35,625
U10 CA17829-07	CHILDREN'S CANCER STUDY GROUP (CCSG) ABLIN, ARTHUR R UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO CALIF	111,734
U10 CA18044-09	PATHOLOGY CENTER FOR LYMPHONA CLINICAL STUDIES RAPPAPORT, HENRY CITY OF HOPE NATIONAL MEDICAL CENTER DUARTE CALIF	175,680

U10 CA20320-06	CHILDREN'S CANCER STUDY GROUP - A COCCIA, PETER F CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	99,426
U10 CA20549-07	PEDIATRIC ONCOLOGY GROUP RAGAB, ABDELSALAM H EMORY UNIVERSITY ATLANTA GA	161,940
U10 CA23742-06	CHILDRENS CANCER STUDY GROUP MILLER, DENIS R MEMORIAL HOSPITAL FOR CANCER-ALLIED DIS NEW YORK N Y	131,111
U10 CA24507-05	INTERGROUP RHABDOMYOSARCOMA STUDY MAURER, HAROLD M VIRGINIA COMMONWEALTH UNIVERSITY RICHMOND VA	231,342
U10 CA25408-05	PEDIATRIC ONCOLOGY STUDY GROUP CRIST, WILLIAM M UNIVERSITY OF ALABAMA IN BIRMINGHAM BIRMINGHAM ALA	133,749
U10 CA25474-02	INTERGROUP EWING'S SARCOMA STUDY NESBIT, MARK E UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS MINN	46,579
U10 CA26044-05	CHILDREN'S CANCER STUDY GROUP - UNIVERSITY OF OREGON NEERHOUT, ROBERT C OREGON HEALTH SCIENCES UNIVERSITY PORTLAND OREG	77,984
U10 CA26126-05	CHILDRENS CANCER STUDY GROUP LAMPKIN, BEATRICE C CHILDREN'S HOSPITAL MEDICAL CENTER CINCINNATI OHIO	99,574
U10 CA26270-03	CHILDREN'S CANCER STUDY GROUP LUKENS, JOHN N VANDERBILT UNIVERSITY NASHVILLE TENN	96,453
U10 CA26756-04	PEDIATRIC ONCOLOGY GROUP NORRIS, DONALD G CLEVELAND CLINIC FOUNDATION CLEVELAND OHIO	55,440

U10 CA26765-01	SOUTHWEST ONCOLOGY GROUP, ALLEGHENY GENERAL HOSPITAL PUGH, REGINALD P ALLEGHENY-SINGER RESEARCH CORPORATION PITTSBURGH PA	
U10 CA27678-04	CHILDREN'S CANCER STUDY GROUP FEIG, STEPHEN A UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES CALIF	62,611
U10 CA28383-04	PEDIATRIC ONCOLOGY GROUP FREEMAN, ARNOLD I ROSWELL PARK MEMORIAL INSTITUTE BUFFALO N Y	88,798
U10 CA28439-04	PEDIATRIC ONCOLOGY GROUP KUNG, FAITH H UNIVERSITY OF CALIFORNIA SAN DIEGO LA JOLLA CALIF	47,041
U10 CA28476-04	PEDIATRIC ONCOLOGY GROUP MEMBERSHIP LEVENTHAL, BRIGID G JOHNS HOPKINS UNIVERSITY BALTIMORE MD	134,040
U10 CA28530-04	PEDIATRIC ONCOLOGY GROUP MAURER, HAROLD M VIRGINIA COMMONWEALTH UNIVERSITY RICHMOND VA	59,511
U10 CA28572-03	SUPPORT OF PEDIATRIC ONCOLOGY GROUP STUDIES, WRAMC THOMAS, PAUL J U.S. WALTER REED ARMY MED CENTER WASHINGTON D C	19,581
U10 CA28581-03	SOUTHWEST ONCOLOGY GROUP--PEDIATRICS JONES, BARBARA WEST VIRGINIA UNIVERSITY MORGANTOWN W VA	38,761
U10 CA28841-03	PEDIATRIC ONCOLOGY GROUP STUDIES VATS, TRIBHAWAN S UNIVERSITY OF KANSAS COL HLTH SCI & HOSP KANSAS CITY KANS	64,100
U10 CA28851-03	CHILDREN'S CANCER STUDY GROUP TUBERGEN, DAVID G CHILDREN'S HOSPITAL DENVER COLO	90,789

U10 CA28882-03	CHILDREN'S CANCER STUDY GROUP GILCHRIST, GERALD S MAYO FOUNDATION ROCHESTER MINN	162,178
U10 CA29013-03	PARTICIPATE CHILDREN'S CANCER STUDY GROUP TEASDALE, J M UNIVERSITY OF BRITISH COLUMBIA VANCOUVER CANADA	17,194
U10 CA29139-03	PEDIATRIC ONCOLOGY GROUP STATISTICAL OFFICE SHUSTER, JONATHAN J UNIVERSITY OF FLORIDA GAINESVILLE FLA	407,222
U10 CA29281-03	PEDIATRIC ONCOLOGY GROUP PROGRAM-UNIVERSITY OF FLORIDA GROSS, SAMUEL UNIVERSITY OF FLORIDA GAINESVILLE FLA	70,284
U10 CA29293-03	NEW ENGLAND PEDIATRIC ONCOLOGY CONSORTIUM FORMAN, EDWIN N RHODE ISLAND HOSPITAL PROVIDENCE R I	95,878
U10 CA29314-03	CHILDREN'S CANCER STUDY GROUP KISKER, C THOMAS UNIVERSITY OF IOWA IOWA CITY IOWA	104,558
U10 CA29511-03	QUALITY ASSURANCE REVIEW CENTER -- POG SUPPLEMENT GLICKSMAN, ARVIN S RHODE ISLAND HOSPITAL PROVIDENCE R I	265,979
U10 CA29691-03	PEDIATRIC ONCOLOGY GROUP LUSHER, JEANNE M CHILDREN'S HOSPITAL OF MICHIGAN DETROIT MICH	79,336
U10 CA30138-02	STATISTICAL CENTER-PEDIATRIC INTERGROUP STUDIES GEHAN, EDMUND A UNIVERSITY OF TEXAS SYSTEM CANCER CENTER HOUSTON TEX	201,662
U10 CA30969-03	PEDIATRIC ONCOLOGY GROUP - OPERATIONS OFFICE VIETTI, TERESA J WASHINGTON UNIVERSITY SAINT LOUIS MO	329,686

U10 CA31566-02	PEDIATRIC ONCOLOGY GROUP PARTICIPATION SIMONE, JOSEPH V ST. JUDE CHILDREN'S RESEARCH HOSPITAL MEMPHIS TENN	72,585
Y01 CO10700-01	STUDY OF PATIENTS WHO HAD 131-IODINE DURING ADOLESCENCE CASE, S M U.S. FOOD AND DRUG ADMINISTRATION ROCKVILLE MD	50,000
Y01 CP20511-01	CASE COMPARISON/CHILDHOOD CANCER AND PARENTAL OCCUPATIO CHIACCHIERINI, RICHARD U.S. FOOD AND DRUG ADMINISTRATION ROCKVILLE MD	50,912
Z01 CB00545-04	EXTRACELLULAR MATRIX SYNTHESIS BY HUMAN TUMORS TRICHE TIMOTHY J HHS-NIH BETHESDA, MD	81,000
Z01 CB03659-08	THERAPY OF SKIN CANCER, KERATINIZATION AND CYSTIC ACNE PECK, GARY L HHS-NIH BETHESDA, MD	336,000
Z01 CB04015-12	HUMORAL AND CELLULAR IMMUNE HOST DEFENSE MECHANISMS BLAESE, R. MICHAEL HHS-NIH BETHESDA, MD	356,000
Z01 CM06810-18	STUDY AND TREATMENT OF CANCER IN PEDIATRIC PATIENTS PIZZO, PHILIP A HHS-NIH BETHESDA, MD	1,081,000
Z01 CM06830-12	INFECTIOUS COMPLICATIONS OF MALIGNANCY PIZZO, PHILIP A HHS-NIH BETHESDA, MD	282,000
Z01 CM06840-07	BIOLOGY AND IMMUNOLOGY OF ACUTE LEUKEMIA POPLACK, DAVID G HHS-NIH BETHESDA, MD	235,000
Z01 CM06880-05	APPROACHES TO THE TREATMENT ON CNS MALIGNANCY POPLACK, DAVID G HHS-NIH BETHESDA, MD	282,000

Z01 CP04325-19	PLANNING AND DEVELOPMENT IN CANCER MILLER, ROBERT W HHS-NIH BETHESDA, MD	65,800
Z01 CP04377-11	FAMILIAL, CONGENITAL AND GENETIC FACTORS IN MALIGNANCY MULVIHILL JOHN J HHS-NIH BETHESDA, MD	150,400
Z01 CP04400-18	CLINICAL EPIDEMIOLOGY OF HUMAN CANCER LI, FREDERICK P HHS-NIH BETHESDA, MD	84,600
Z01 CP04807-12	ANALYSIS OF FETAL AND NEOPLASTIC GROWTH FACTORS FOWLER, ARNOLD K HHS-NIH BETHESDA, MD	61,100
Z01 CP04822-12	MULTIDISCIPLINARY STUDIES ON EBV-ASSOCIATED TUMORS LEVINE, PAUL H HHS-NIH BETHESDA, MD	37,600
Z01 CP04967-07	GENETIC AND PHYSIOLOGICAL FACTORS IN ONTOGENY & CARC. ALLEN, PATTON T HHS-NIH BETHESDA, MD	70,500
Z01 CP05092-04	TRANSPLACENTAL CARCINOGENESIS IN NONHUMAN PRIMATES RICE, JERRY M HHS-NIH BETHESDA, MD	112,800
Z01 CP05093-04	ORGAN SPECIFICITY IN TRANSPLACENTAL CARCINOGENESIS RICE, JERRY M HHS-NIH BETHESDA, MD	150,400
Z01 CP05124-05	EXPRESSION OF CANCER-ASSOCIATED PROTEINS IN PLACENTA STROMBERG, KURT J HHS-NIH BETHESDA, MD	56,400
Z01 CP05137-03	BEDSIDE ETIOLOGY CONSULTATIVE PROGRAM MILLER, ROBERT W HHS-NIH BETHESDA, MD	47,000

Z01 CP05139-03	NIH INTERINSTITUTE MEDICAL GENETICS TRAINING PROGRAM PARRY, DILYS M HHS-NIH BETHESDA, MD	35,250
Z01 CP05146-03	MORBIDITY IN CHILDHOOD CANCER SURVIVORS AND OFFSPRING MULVIHILL JOHN J HHS-NIH BETHESDA, MD	98,700
Z01 CP05157-03	BIOCHEMICAL MECHANISMS OF ORGAN SPECIFICITY IN CARC. RICE, JERRY M HHS-NIH BETHESDA, MD	103,400
Z01 CP05158-02	MORBIDITY IN LONG-TERM SURVIVORS OF CHILDHOOD CANCER MYERS, MAX H HHS-NIH BETHESDA, MD	141,000
Z01 CP05174-02	CONTROL OF CELLULAR DIFFER. BY EXTRACELLULAR SIGNALS RIZZINO, ANGIE HHS-NIH BETHESDA, MD	23,500
Z01 CP05245-01	ANCHORAGE-INDEPENDENT GROWTH IN FETO-PLACENTAL UNIT PIGOTT, DENNIS A HHS-NIH BETHESDA, MD	61,100
Z01 CP05248-01	TRANSFORMING GROWTH FACTORS DURING DEVELOPMENT RIZZINO, ANGIE HHS-NIH BETHESDA, MD	18,800
Z01 CP05288-01	CELL INTERACTION,CAMP AND CONTROL OF GENE EXPRESSION BLUMBERG, DAPHNE D HHS-NIH BETHESDA, MD	141,000
Z01 CP05299-01	INTERSPECIES DIFFERENCES IN TRANSPLACENTAL CARC. DIWAN, BHALCHANDRA A HHS-NIH BETHESDA, MD	103,400
		31,367,831

Z01 CP05139-03	NIH INTERINSTITUTE MEDICAL GENETICS TRAINING PROGRAM PARRY, DILYS M CLINICAL EPIDEMIOLOGY BRANCH	35,250
Z01 CP05146-03	MORBIDITY IN CHILDHOOD CANCER SURVIVORS AND OFFSPRING MULVIHILL JOHN J CLINICAL EPIDEMIOLOGY BRANCH	98,700
Z01 CP05157-03	BIOCHEMICAL MECHANISMS OF ORGAN SPECIFICITY IN CARC. RICE, JERRY M LABORATORY OF COMPARATIVE CARCINOGENESIS	103,400
Z01 CP05158-02	MORBIDITY IN LONG-TERM SURVIVORS OF CHILDHOOD CANCER MYERS, MAX H BIOMETRY BRANCH	141,000
Z01 CP05174-02	CONTROL OF CELLULAR DIFFER. BY EXTRACELLULAR SIGNALS RIZZINO, ANGIE LABORATORY OF VIRAL CARCINOGENESIS	23,500
Z01 CP05245-01	ANCHORAGE-INDEPENDENT GROWTH IN FETO-PLACENTAL UNIT PIGOTT, DENNIS A LABORATORY OF VIRAL CARCINOGENESIS	61,100
Z01 CP05248-01	TRANSFORMING GROWTH FACTORS DURING DEVELOPMENT RIZZINO, ANGIE LABORATORY OF VIRAL CARCINOGENESIS	18,800
Z01 CP05288-01	CELL INTERACTION,CAMP AND CONTROL OF GENE EXPRESSION BLUMBERG, DAPHNE D LABORATORY OF MOLECULAR ONCOLOGY	141,000
Z01 CP05299-01	INTERSPECIES DIFFERENCES IN TRANSPLACENTAL CARC. DIWAN, BHALCHANDRA A LABORATORY OF COMPARATIVE CARCINOGENESIS	103,400
		31,367,831

F32 DE05218-03S1	THE ROLE OF MATRIX PROTEINS IN MUSCLE DEVELOPMENT GROTENDORST, GARY R U.S. NATIONAL INSTITUTES OF HLTH BETHESDA, MD	804
F32 DE05273-01	GENETIC REGULATION OF A BASAL LAMINA PROTEOGLYCAN KODA, JOY E STANFORD UNIVERSITY STANFORD, CALIF	
F32 DE05307-01	ROLE OF THE PARENT IN CHILDREN'S COMPLIANCE BEHAVIOR CIPES, MONICA H UNIVERSITY OF CONNECTICUT HEALTH CENTER FARMINGTON, CONN	
F32 DE05312-01	DENTAL DEVELOPMENT AND WEAR IN MACACA MULATTA TEAFORD, MARK F JOHNS HOPKINS UNIVERSITY BALTIMORE, MD	
F32 DE05315-01	EXTRACELLULAR MATRIX AND PHENYTOIN-INDUCED CLEFT LIP HICKS, HERALINE E UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL, N C	17,040
F32 DE05316-01	GROWTH RESPONSE AFTER CENTRAL TRIGEMINAL NERVE LESIONS THOMAS, PAUL M UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL, N C	21,780
F33 DE05289-01A1	GENETICS OF ORAL CLEFTS: FETAL MORTALITY AND SEX-RATIO DRONMEJU, KRISHNA R UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON HOUSTON, TEX	33,000
F33 DE05308-02	INTERRELATIONSHIP BETWEEN NUTRITION AND DENTAL CARIES MESSER, LOUISE J UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MINNEAPOLIS, MINN	33,000
K04 DE00083-03	H-2 ROLE IN TERATOGEN-INDUCED CRANIOFACIAL MALFORMATION MELNICK, MICHAEL UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIF	37,422

K04 DE00095-02	CELL DEATH FURING CRANIOFACIAL EMBRYOGENESIS GREENE, ROBERT M THOMAS JEFFERSON UNIVERSITY PHILADELPHIA, PA	39,204
K04 DE00104-02	PALATAL SHELF CLOSURE: ROLE OF CELLS AND MATRIX BRINKLEY, LINDA L UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	37,693
K04 DE00109-01	EFFECTS OF SURGICAL INTERVENTION ON CRANIOFACIAL GROWTH CARLSON, DAVID S UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	39,118
N01 DE02424-02	ROLE OF DENTISTS AND PEDIATRICIANS IN USE OF CARIES PREV GIFT, HELEN C AMERICAN DENTAL ASSOCIATION CHICAGO, ILL	
N01 DE12431-01	CLINICAL TRIAL OF COMBINED DENTIFRICE AT DIFF FLUORIDE C RIPA, LOUIS W STATE UNIVERSITY OF NEW YORK AT BUFFALO ALBANY, N Y	67,591
N01 DE12432-02	EXAMINATION OF RELATION BETWEEN CARIES AND TOOTH ENAMEL MELLBERG, JAMES R COLGATE-PALMOLIVE COMPANY PISCATAWAY, N J	53,383
N01 DE22438-00	RELATIONSHIP OF DIETARY INTAKE TO CARIES INCIDENCE BURT, BRIAN A MICHIGAN, UNIVERSITY OF ANN ARBOR, MICH	234,990
N01 DE22439-00	COST EFFECTIVENESS OF COMBINED SEALANT AND SELF-APPLIED DOGON, I LEON FORSYTH DENTAL CENTER BOSTON, MASS	264,924
N01 DE92419-04	EFFECT OF PRIOR TOOTHCLEANING ON EFFICACY OF SEMI-ANNUAL RIPA, LOUIS W STATE UNIV. OF NEW YORK, STONY BROOK ALBANY, N Y	1,575
P01 DE01697-20	A RESEARCH PROGRAM IN CRANIOFACIAL PROBLEMS FORREST, EDWARD J UNIVERSITY OF PITTSBURGH PITTSBURGH, PA	362,285

P01 DE02848-12	BIOLOGY OF CONNECTIVE TISSUE, BONES, AND TEETH SLAVKIN, HAROLD C UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIF	384,811
P01 DE02872-13	CENTER FOR CRANIOFACIAL ANOMALIES PRUZANSKY, SAMUEL UNIVERSITY OF ILLINOIS MEDICAL CENTER CHICAGO, ILL	439,927
P01 DE03568-08	CRANIOFACIAL ANOMALIES--ETIOLOGY AND TREATMENT MC CARTHY, JOSEPH G NEW YORK UNIVERSITY NEW YORK, N Y	328,692
P01 DE03610-16	CRANIOFACIAL GROWTH AND DEVELOPMENT MOYERS, ROBERT E UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	257,198
P01 DE05837-02	GROWTH, SURGICAL, AND SPEECH ASPECTS OF CLEFT PALATE MORRIS, HUGHLETT L UNIVERSITY OF IOWA IOWA CITY, IOWA	647,897
P50 DE02668	NORMAL & ABNORMAL EMBRYONIC FACIAL DEVELOPMENT JOHNSTON, M. C. UNIV. OF NORTH CAROLINA CHAPEL HILL, N C	84,083
	HORMONE ACTION IN SALIVARY GLANDS OF INBRED MICE DREYER, D. A. UNIV. OF NORTH CAROLINA CHAPEL HILL, N C	81,141
R01 DE02774-14	TISSUE INTERACTION IN PALATAL SHELF CLOSURE BRINKLEY, LINDA L UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	72,519
R01 DE02862-15	GROWTH AND DEVELOPMENT OF THE HUMAN HEAD RICHARDSON, ELISHA R MEHARRY MEDICAL COLLEGE NASHVILLE, TENN	
R01 DE02873-15	FACIAL AND DENTAL GROWTH IN PRE- AND POST-ADOLESCENTS MOORREES, COENRAAD F FORSYTH DENTAL CENTER BOSTON, MASS	173,125

R01 DE03011-12	EFFECT OF CHEMOTHERAPY ON PLAQUE AND MICROBIAL ECOLOGY LOESCHE, WALTER J UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	
R01 DE03598-08	DENTOFACIAL EFFECTS OF FORCES TO RETRACT THE MAXILLA BAUMRIND, SHELDON UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO, CALIF	102,226
R01 DE03619-10	BIOCHEM. ASPECTS OF TOOTH ERUPTION/MOVEMENT/RESORPTION DAVIDOVITCH, ZEEV UNIVERSITY OF PENNSYLVANIA PHILADELPHIA, PA	154,793
R01 DE03713-06	EFFECT OF FISSURE SEALANT ON PROGRESS OF DENTAL CARIES HANDELMAN, STANLEY L EASTMAN DENTAL CENTER ROCHESTER, N Y	
R01 DE03856-08	FLUORIDE-SELENIUM INTERACTION IN DENTAL CARIES SHEARER, THOMAS R OREGON HEALTH SCIENCES UNIVERSITY PORTLAND, OREG	38,228
R01 DE04257-06	MIGRATION AND DIFFERENTIATION OF NEURAL CREST CELLS LE DOUARIN, NICOLE M COLLEGE OF FRANCE PARIS, FRANCE	26,880
R01 DE04303-03	COMPLIANCE FACTORS IN CARIES PREVENTION NIKIAS, MATA K COLUMBIA UNIVERSITY NEW YORK, N Y	
R01 DE04316-06	EXTRACELLULAR MATRIX AND MORPHOGENESIS IN MUTANT MICE WESTON, JAMES A UNIVERSITY OF OREGON EUGENE, OREG	100,775
R01 DE04327-07	MECHANICAL AND ELECTRICAL EFFECTS ON OSTEOGENESIS RODAN, GIDEON A UNIVERSITY OF CONNECTICUT HEALTH CENTER FARMINGTON, CONN	103,911
R01 DE04504-04	PLAQUE BACTERIA AS PREDICTORS OF HUMAN DENTAL CARIES BURT, BRIAN A UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	39,393

R01 DE04517-03	PIN-RETAINED PROSTHESIS WITH SURGERY IN CLEFT PALATE HAGERTY, ROBERT F ST. FRANCIS XAVIER HOSPITAL CHARLESTON, S C	
R01 DE04615-04	FLUORIDE-CADMIUM INTERACTION IN DENTAL CARIES WHANGER, PHILIP D OREGON STATE UNIVERSITY CORVALLIS, OREG	
R01 DE04616-04	FLUORIDE-CADMIUM INTERACTION IN DENTAL CARIES SHEARER, THOMAS R OREGON HEALTH SCIENCES UNIVERSITY PORTLAND, OREG	
R01 DE04622-06	CRANIOFACIAL ANOMALIES AND PROTEIN RECEPTORS GOLDMAN, ALLEN S CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA, PA	169,193
R01 DE04731-06	ANALYSIS OF PRIMARY PALATE FORMATION MINKOFF, ROBERT UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL, N C	91,397
R01 DE04781-03	SERIAL CRANIOFACIAL GROWTH IN CLEFTING: BIRTH-15 YEARS KROGMAN, WILTON M LANCASTER CLEFT PALATE CLINIC LANCASTER, PA	69,587
R01 DE04795-06	CHARACTERISTICS OF CARIOGENIC DENTAL PLAQUE MINAH, GLENN E UNIVERSITY OF MARYLAND AT BALTIMORE BALTIMORE, MD	40,007
R01 DE04859-04A1	TISSUE INTERACTIONS IN THE CRANIO-FACIAL REGION TYLER, MARY S UNIVERSITY OF MAINE AT ORONO ORONO, MAINE	45,384
R01 DE04938-02	A STUDY OF HOST FACTORS IN CARIES SUSCEPTIBILITY KOLAKOWSKI, DONALD L UNIVERSITY OF CONNECTICUT HEALTH CENTER FARMINGTON, CONN	
R01 DE04940-05	MUSCULAR DISORDERS IN CRANIOFACIAL MALFORMATIONS MILLER, ARTHUR J UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO, CALIF	101,516

R01 DE04970-05	NUCLEAR COMPOSITION AND ORGANIZATION FOR ODONTOGENESIS SCHWARTZ, STEPHEN A UNIVERSITY OF CHICAGO CHICAGO, ILL	89,098
R01 DE05008-04	GENETIC BASIS OF DRUG-INDUCED CLEFT PALATE GASSER, DAVID L UNIVERSITY OF PENNSYLVANIA PHILADELPHIA, PA	130,888
R01 DE05024-04	CRANIOFACIAL ABNORMALITIES IN MICE WITH VDRR IORIO, ROBERT J MARQUETTE UNIVERSITY MILWAUKEE, WIS	56,950
R01 DE05041-04	OROFACIAL ANOMALIES IN PHENYTOIN TERATOGENESIS GOLDMAN, ALLEN S CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA, PA	156,989
R01 DE05078-06	CRANIOFACIAL GROWTH AND REMODELING ENLOW, DONALD H CASE WESTERN RESERVE UNIVERSITY CLEVELAND, OHIO	78,843
R01 DE05115-03	DIFFUSION OF PREVENTIVE HEALTH MEASURES TO SCHOOLS SILVERSIN, JACOB B HARVARD UNIVERSITY BOSTON, MASS	
R01 DE05145-03	ADJUSTIVE CRANIAL SKELETAL GROWTH MOSS, MELVIN L COLUMBIA UNIVERSITY NEW YORK, N Y	
R01 DE05165-03	GENETIC CONTROL OF SUSCEPTIBILITY TO CLEFT PALATE TYAN, MARVIN L UNIVERSITY OF CALIFORNIA LOS ANGELES LOS ANGELES, CALIF	
R01 DE05168-03	GLUCOCORTICOID RECEPTORS AND CLEFT PALATE HACKNEY, JOHN F UNIVERSITY OF SOUTH FLORIDA TAMPA, FLA	
R01 DE05198-03	INFLUENCES ON VERTICAL DENTO-FACIAL GROWTH PROFFIT, WILLIAM R UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL, N C	77,710

R01 DE05232-04	EFFECT OF SURGICAL INTERVENTION ON CRANIOFACIAL GROWTH CARLSON, DAVID S UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	103,245
R01 DE05289-04	F UPTAKE AND BINDING BY EARLY ENAMEL MATRIX BAWDEN, JAMES W UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL, N C	85,193
R01 DE05307-04	ORTHODONTIC TREATMENT WITH REMOVABLE APPLIANCES GRABER, THOMAS M AMERICAN DENTAL ASSN HEALTH FDN CHICAGO, ILL	95,801
R01 DE05322-02	GENETIC ANALYSIS OF BIRTH DEFECTS INVOLVING SEPTA ERICKSON, ROBERT P UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	54,763
R01 DE05379-02	MORPHOGENESIS AND MATURATION OF CRANIOFACIAL SUTURES MOFFETT, BENJAMIN C, JR UNIVERSITY OF WASHINGTON SEATTLE, WASH	153,526
R01 DE05396-03	CRANIOFACIAL ADAPTATIONS AFTER MAXILLARY OSTEOTOMY NANDA, RAVINDRA UNIVERSITY OF CONNECTICUT HEALTH CENTER FARMINGTON, CONN	99,644
R01 DE05397-02	CRANIOFACIAL BONE FORMATION & MUSCLE ACTIVITY HARVOLD, EGIL P UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO, CALIF	149,297
R01 DE05410-03	ORTHODONTIC TREATMENT EFFECTS ON CRANIOFACIAL GROWTH BOOKSTEIN, FRED L UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	50,666
R01 DE05440-03	H-2 AND TERATOGEN-INDUCED CRANIOFACIAL MALFORMATION MELNICK, MICHAEL UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIF	81,417
R01 DE05511-02	EVANSTON-OAK PARK FLUORIDATION STUDY AFTER 25 YEARS HEFFERREN, JOHN J AMERICAN DENTAL ASSN HEALTH FDN CHICAGO, ILL	

R01 DE05550-02	CELL DEATH DURING CRANIOFACIAL EMBRYOGENESIS GREENE, ROBERT M THOMAS JEFFERSON UNIVERSITY PHILADELPHIA, PA	49,346
R01 DE05555-02	CELL MIGRATION IN THE TELEOST EMBRYO WATERMAN, ROBERT E UNIVERSITY OF NEW MEXICO ALBUQUERQUE ALBUQUERQUE, N MEX	49,013
R01 DE05558-02	SENSORY ALTERATIONS OF CRANIOFACIAL FORM VARGERVIK, KARIN UNIVERSITY OF CALIFORNIA SAN FRANCISCO SAN FRANCISCO, CALIF	118,784
R01 DE05574-02	NEURAL ASPECTS OF CRANIOFACIAL MORPHOGENESIS ALLEY, KEITH E CASE WESTERN RESERVE UNIVERSITY CLEVELAND, OHIO	63,018
R01 DE05616-04	MATRIX-CELL INTERACTION IN CRANIOFACIAL DEVELOPMENT MEIER, STEPHEN P UNIVERSITY OF TEXAS AUSTIN AUSTIN, TEX	50,776
R01 DE05630-02	MATRIX/CELL SURFACE IN NEURAL CREST CELL MORPHOGENESIS ERICKSON, CAROL A UNIVERSITY OF CALIFORNIA DAVIS DAVIS, CALIF	17,423
R01 DE05669-02	CHORION TYPE AND DENTAL MORPHOLOGY IN TWINS POTTER, ROSARIO H INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS, IND	53,183
R01 DE05717-01A1	LITHIUM AND DENTAL CARIES CURZON, MARTIN E EASTMAN DENTAL CENTER ROCHESTER, N Y	60,800
R01 DE05758-02	GENETIC LINKAGE STUDY OF CLEFT LIP-PALATE IN DENMARK BIXLER, DAVID INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS, IND	70,575
R01 DE05838-03	MORPHOGENETIC ROLE OF GLYCOSAMINOGLYCANS TOOLE, BRYAN P TUFTS UNIVERSITY BOSTON, MASS	186,209

R01 DE05868-02	MULTIVARIATE ANALYSIS OF CRANIOFACIAL GROWTH IN CLEFTING KROGMAN, WILTON M H. K. COOPER CLINIC LANCASTER, PA	10,586
R01 DE05881-01	EPITHELIAL FUSIONS DURING CRANIOFACIAL DEVELOPMENT WATERMAN, ROBERT E UNIVERSITY OF NEW MEXICO ALBUQUERQUE ALBUQUERQUE, N MEX	56,985
R01 DE06061-01	ORAL FACIAL MORPHOLOGY & BREATHING: QUANTITATIVE STUDIES VIG, PETER S UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL, N C	93,561
R01 DE06108-01	PATHOGENESIS OF TERATOGEN-INDUCED FACIAL CLEFTS ERICKSON, ROBERT P UNIVERSITY OF MICHIGAN AT ANN ARBOR ANN ARBOR, MICH	73,271
R03 DE06295-01	DYNAMICS OF THYROTROPIN AND GROWTH HORMONE SECRETION THOMPSON, MARTHA E OREGON HEALTH SCIENCES UNIVERSITY PORTLAND, OREG	20,925
R03 DE06337-01	DRUG-INDUCED CLEFT PALATE IN MICE BURKE, DAVID H MARQUETTE UNIVERSITY MILWAUKEE, WIS	13,154
R13 DE05900-01A1	CONFERENCE ON CLINICAL CARIES TRIALS SCHROTENBOER, GORDON H AMERICAN DENTAL ASSOCIATION CHICAGO, ILL	57,834
R23 DE05592-03	BIOCHEMICAL MECHANISM OF STEROID-INDUCED CLEFTING GUPTA, CHHANDA CHILDREN'S HOSPITAL OF PHILADELPHIA PHILADELPHIA, PA	41,483
R23 DE05627-03	EFFECTS OF MECHANICAL FORCES ON CRANIOFACIAL GROWTH CEDERQUIST, K ROBERT CASE WESTERN RESERVE UNIVERSITY CLEVELAND, OHIO	44,912
R23 DE05735-02	ROLE OF HYALURONATE IN PRIMARY PALATE MORPHOGENESIS BURK, DOROTHY T UNIVERSITY OF THE PACIFIC SAN FRANCISCO, CALIF	43,904

R23 DE05906-02	FACIAL DEVELOPMENT, MAXILLARY PROCESS AND CLEFT PALATE SULIK, KATHLEEN K UNIVERSITY OF NORTH CAROLINA CHAPEL HILL CHAPEL HILL, N C	34,900
R23 DE05942-02	AIRWAY FACTORS IN CLEFT PALATE DENTOFACIAL DEFORMITY LONG, ROSS E, JR H. K. COOPER CLINIC LANCASTER, PA	51,404
R23 DE05969-01A1	EFFECT OF SINGLE AND MULTIPLE APPLICATIONS OF FLUORIDE CRALL, JAMES J UNIVERSITY OF IOWA IOWA CITY, IOWA	49,092
R23 DE06040-01	POLYAMINES AND PALATAL DEVELOPMENT MANDELLA, ROSEMARY D FAIRLEIGH DICKINSON UNIVERSITY TEANECK TEANECK, N J	52,030
T32 DE07006-08	CRANIOFACIAL BIOLOGY SLAVKIN, HAROLD C UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIF	89,951
T32 DE07008-07	CRANIOFACIAL ANOMALIES MOORREES, COENRAAD F HARVARD UNIVERSITY BOSTON, MASS	162,513
T32 DE07043-06	ORAL-FACIAL GENETICS BIXLER, DAVID INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS INDIANAPOLIS, IND	71,469
T32 DE07076-03	ORALFACIAL GENETICS AND CRANIOFACIAL ANOMALIES STEWART, RAY E LOS ANGELES COUNTY HARBOR-UCLA MED CTR TORRANCE, CALIF	80,611
T32 DE07131-01	ORAL DEVELOPMENT & FUNCTION, NORMAL AND ABNORMAL RODAN, GIDEON A UNIVERSITY OF CONNECTICUT HEALTH CENTER FARMINGTON, CONN	58,873
Y01 DE10009-01	STUDY TO DETERMINE EFFECT OF SUSTAINED RELEASE FLUORIDE SMOKER, RONALD R U.S. ARMED FORCES RAIDIOBIOLOGY RES INST BETHESDA, MD	800

Z01 DE00006-22	STUDIES ON CHEMOTAXIS SCHIFFMANN, ELLIOTT NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	401,068
Z01 DE00009-21	THE CHEMISTRY AND BIOSYNTHESIS OF CONNECTIVE TISSUE MARTIN, GEORGE R. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	210,767
Z01 DE00024-16	DEVELOPMENTAL PROCESSES IN GENETICALLY CONTROLLED MALFOR BROWN, KENNETH S. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	161,026
Z01 DE00025-16	IN VITRO SYNTHESIS OF COLLAGEN & CHARACTERIZATION OF MES SOBEL, MARK NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	370,121
Z01 DE00029-15	THE EFFECT OF SCHOOL WATER FLUORIDATION ON DENTAL CARIES HEIFETZ, STANLEY B. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	11,298
Z01 DE00032-14	ACIDULATED PHOSPHATE-FLUORIDE TABLETS ON CARIES IN CHILD DRISCOLL, WILLIAM S. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	1,286
Z01 DE00070-10	EVALUATION, SELF-ADMIN. OF FLUORIDE IN NON-FLUORIDE AREA HOROWITZ, HERSCHEL S. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	27,357
Z01 DE00149-08	EXTRACELLULAR MATRIX & CELLULAR PROLIFERATION IN ORAL FA HASSELL, J. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	362,519
Z01 DE00206-06	DAILY AND WEEKLY RINSING WITH SODIUM FLUORIDE SOLUTIONS HEIFETZ, STANLEY B. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	697
Z01 DE00220-06	SODIUM FLUORIDE RINSING IN A FLUORIDATED COMMUNITY DRISCOLL, WILLIAM S. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	10,389

Z01 DE00225-06	COST ANALYSIS OF IMPLEMENTING SCHOOL-BASED COMMUNITY MOU BRUNELLE, JANET ANN NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	33,067
Z01 DE00229-06	PLAQUE VARIATIONS IN POPULATIONS INGESTING LEVELS OF WAT STILES, HORACE NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	13,649
Z01 DE00230-06	ATTACHMENT OF CELLS TO COLLAGEN KLEINMAN, HYNDA K. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	341,174
Z01 DE00253-05	DEVELOPMENT OF CARTILAGE VARNER, HUGH NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	221,504
Z01 DE00262-04	STUDY OF AN INTRAORAL DEVICE SHERN, ROALD J. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	56,566
Z01 DE00277-03	PREVALENCE OF DENTAL CARIES & FLUOROSIS HOROWITZ, HERSCHEL S. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	97,888
Z01 DE00292-03	ANALYSIS OF NATIONAL DENTAL CARIES SURVEY BRUNELLE, JANET ANN NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	95,348
Z01 DE00294-03	AN APPOACH TO ANALYZING TREATMENT EFFECTS KINGMAN, ALBERT NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	1,456
Z01 DE00310-02	EVALUATION OF FLUORIDE MOUTHRINSING & FLUORIDE TABLETS HOROWITZ, HERSCHEL S. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	72,546
Z01 DE00324-02	METHODS OF ANALYZING FLUOROSIS EVALUATIONS MADE BY DEANS KINGMAN, ALBERT NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	7,287

Z01 DE00327-02	HUMAN CARIES EPIDEMIOLOGY AMONG PEOPLE CONSUMING FLUORID STILES, HORACE NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	32,234
Z01 DE00328-02	ROLE OF TRANSPLACENTAL IGG AND COLOSTRAL SIGA ANTIBODY COLE, MICHAEL F. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	14,985
Z01 DE00330-01	ROLE OF ATTACHMENT PROTEINS IN TUMOR CELL METASTASIS TERRANOVA, V. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	64,209
Z01 DE00331-01	CONNECTIVE TISSUE CELL CHEMOATTRACTANTS GROTENDORST, G. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	155,845
Z01 DE00342-01	CLINICAL PHARMACOLOGY STUDY MIRTH, DALE B. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	20,453
Z01 DE00344-01	MUCOSAL IMMUNITY TO PSEUDOMONAS & STAPHLOCOCCUS COLE, MICHAEL F. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	10,385
Z01 DE00345-01	NATURAL TRANSMISSION OF STREPTOCOCCUS MUTANS IN RATS COLE, MICHAEL F. NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	10,189
Z01 DE00353-01	MORE EFFICIENT USE OF INITIAL DMFS KINGMAN, ALBERT NATIONAL INSTITUTE OF DENTAL RESEARCH BETHESDA, MD	7,287
		10,900,507

N01 ES 2-5012	MOUSE ELECTROPHORETIC GERMINAL MUTATION TEST DEVELOPMENT LEWIS, SUSAN E. NIEHS RESEARCH TRIANGLE PARK, N C	439,024
N01 ES 2-5013	FERTILITY ASSESSMENT BY CONTINUOUS BREEDING SABHARWAL, P.S. ENVIRONMENTAL HEALTH RESEARCH & TESTING, INC.. COLUMBUS, OHIO	244,115
N01 ES 2-5014	FERTILITY ASSESSMENT BY CONTINUOUS BREEDING REEL, JERRY R. NIEHS RESEARCH TRIANGLE PARK, N C	253,943
P01 ES 1104	NEUROBIOLOGY OF ENVIRONMENTAL POLLUTANTS KRIGMAN, MARTIN, R. UNIVERSITY OF NORTH CAROLINA CHAPEL HILL, N C	355,800
P01 ES 1248	HEAVY METALS AS ENVIRONMENTAL HAZARDS TO MAN CLARKSON, THOMAS W. UNIVERSITY OF ROCHESTER ROCHESTER, N Y	138,300
P01 ES 2277	BIOLOGICAL EFFECTS OF EXPOSURE TO ENVIRONMENTAL AGENTS ANNAU, ZOLTAN JOHNS HOPKINS UNIVERSITY BALTIMORE, MD	210,700
P30 ES 02	OCCUPATIONAL AND ENVIRONMENTAL HEALTH LITTLE, JOHN B. HARVARD UNIVERSITY BOSTON, MASS	45,200
P30 ES 159	ENVIRONMENTAL HEALTH SCIENCE CENTER GRANT SUSKIND, RAYMOND R. UNIVERSITY OF CINCINNATI CINCINNATI, OHIO	100,050
P30 ES 210	CENTER FOR ENVIRONMENTAL MANAGEMENT REED, DONALD J. OREGON STATE UNIVERSITY CORVALLIS, OREG	111,120

P30 ES 260	RESEARCH IN ENVIRONMENTAL HEALTH SCIENCES UPTON, ARTHUR NEW YORK UNIVERSITY MEDICAL CENTER NEW YORK, N Y	95,692
P30 ES 267	CENTER IN ENVIRONMENTAL TOXICOLOGY GUENGERICH, F., PETER VANDERBILT UNIVERSITY NASHVILLE, TENN	40,600
P30 ES 928	ENVIRONMENTAL AGENTS: RELATION TO HUMAN HEALTH EFFECTS SELIKOFF, IRVING J. MT. SINAI SCHOOL OF MEDICINE NEW YORK, N Y	45,180
P30 ES 1247	TRACE CONTAMINANTS AS ENVIRONMENTAL HEALTH HAZARDS TO MAN CLARKSON, THOMAS W. UNIVERSITY OF ROCHESTER ROCHESTER, N Y	220,500
R01 ES 560	PERINATAL PESTICIDE TOXICITY HOOK, JERRY B. MICHIGAN STATE UNIVERSITY EAST LANSING, MICH	122,488
R01 ES 677	METHYL MERCURY EMBRYOPATHY MOTTET, N. KARLE UNIVERSITY OF WASHINGTON SEATTLE, WASH	287,765
R01 ES 826	TOXICITY OF ORGANIC MERCURY FOR FETUS AND NEWBORN MAINES, MAHIN C. UNIVERSITY OF ILLINOIS CHICAGO, ILL	8,359
R01 ES 834	EFFECTS OF CHLORINATED HYDROCARBONS ON MAMMALIAN SYSTEMS KUPFER, DAVID WORCHESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY SHREWSBURY, MASS	209,797
R01 ES 1339	IMPLICATIONS OF LOW LEVEL EXPOSURE TO DIOXINS EVENSON, MERLE A. UNIVERSITY OF WISCONSIN MADISON, WIS	66,495
R01 ES 1503	LEAD NEUROTOXICITY DURING DEVELOPMENT WOOLLEY, DOROTHY E. UNIVERSITY OF CALIFORNIA DAVIS, CALIF	68,746

R01 ES 1774	CHELATION THERAPY OF CHILDHOOD LEAD POISONING GRAZIANO, JOSEPH H. COLUMBIA UNIVERSITY NEW YORK, N Y	105,697
R01 ES 1847	EFFECTS OF PCB'S ON FETAL & NEONATAL DEVELOPMENT BOWMAN, ROBERT E. UNIVERSITY OF WISCONSIN MADISON, WIS	80,000
R01 ES 1857	CHILDHOOD LEAD, PYRIMIDINES & METABOLIC DEBRIS ANGLE, CAROL R. UNIVERSITY OF NEBRASKA OMAHA, NEBR	47,361
R01 ES 1943	RESPONSE OF PRIMATES TO POLYBROMINATED BIPHENYLS EVENSON, MERLE A. UNIVERSITY OF WISCONSIN MADISON, WIS	66,495
R01 ES 2011	CHRONIC PERINATAL LEAD EXPOSURE & BRAIN FUNCTION HOFFER, BARRY J. UNIVERSITY OF COLORADO DENVER, COLO	80,342
R01 ES 2046	TERATOGENIC EFFECTS OF CHOLINERGIC INSECTICIDES UYEKI, EDWIN M. UNIVERSITY OF KANSAS KANSAS CITY, KANS	208,425
R01 ES 2165	MECHANISMS OF PCB TOXICITY IN DEVELOPING FETAL TISSUES RIFKIND, ARLEEN B. CORNELL UNIVERSITY NEW YORK, N Y	172,263
R01 ES 2256	EFFECTS OF PRENATAL EXPOSURE TO ORGANOPHOSPHATES THORNBURG, JOHN MICHIGAN STATE UNIVERSITY EAST LANSING, MICH	70,798
R01 ES 2279	PCBS IN LACTATION: OFFSPRING REPRODUCTION & BEHAVIOR SAGER, DOROTHEA B. UNIVERSITY OF WISCONSIN GREEN BAY, WIS	45,679
R01 ES 2316	PEDIATRIC CNS DYSFUNCTIONS AND ELEVATED LEAD LEVELS DAVID, OLIVER J. STATE UNIVERSITY OF NEW YORK BROOKLYN, N Y	76,730

R01 ES 2343	METABOLIC EFFECTS OF LEAD PIOMELLI, SERGIO COLUMBIA UNIVERSITY NEW YORK, N Y	143,477
R01 ES 2366	SULFUR OXIDES EFFECTS ON LUNG FUNCTION IN ASTHMATICS KOENIG, JANE Q. UNIVERSITY OF WASHINGTON SEATTLE, WASH	85,820
R01 ES 2380	METABOLIC ACTIVITY OF BRAIN CAPILLARIES GOLDSTEIN, GARY W. UNIVERSITY OF MICHIGAN ANN ARBOR, MICH	118,131
R23 ES 2408	STUDIES ON THE TERATOGENIC MECHANISM OF WARFARIN HALLETT, JOSEPH J. MASSACHUSETTS GENERAL HOSPITAL BOSTON, MASS	32,792
R01 ES 2459	ORGANOCHLORINE- AND ESTROGEN-INDUCED SERUM PROTEINS CHAMBERS, JANICE E. MISSISSIPPI STATE UNIVERSITY MISSISSIPPI STATE, MISS	50,183
R01 ES 2461	PCBS: EMBRYOTOXIC INTERACTIONS WITH KNOWN TERATOGENS GOODMAN, JAY I. MICHIGAN STATE UNIVERSITY EAST LANSING, MICH	65,191
R01 ES 2561	DETERMINE IN UTERO LUNG SENSITIVITY TO CHEMICAL TOXINS KILBURN, KAYE H. UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIF	0
R01 ES 2615	BIOPSYCHOLOGICAL STUDIES OF MICROWAVE IRRADIATION JUSTESEN, DON R. UNIVERSITY OF KANSAS KANSAS CITY, KANS	99,525
R23 ES 2669	EFFECTS OF LEAD POISONING ON THE CNS MICROCIRCULATION PRESS, MICHAEL F. UNIVERSITY OF CHICAGO CHICAGO, ILL	61,950
R01 ES 2676	A1+3 NEUROBEHAVIORAL TOXICITY: ONCOGENETIC INFLUENCE YOKEL, ROBERT A. UNIVERSITY OF KENTUCKY LEXINGTON, KY	53,113

R01 ES 2750	THE ELECTROMAGNETIC ENVIRONMENTAL - BEHAVIORAL STUDIES LEBOVITZ, ROBERT M. UNIVERSITY OF TEXAS HEALTH SCIENCES CTR. DALLAS, TEX	174,852
R01 ES 2783	NEUROBEHAVIORAL TOXICITY OF PERINATAL PBBS RECH, RICHARD H. MICHIGAN STATE UNIVERSITY EAST LANSING, MICH	86,822
R01 ES 2824	ENVIRONMENTAL TOXICANT EFFECTS ON PERINATAL DEVELOPMENT HARBISON, RAYMOND D. UNIVERSITY OF ARKANSAS LITTLE ROCK, ARK	94,677
R01 ES 2875	IMMUNOTOXICITY OF CHLORDANE ON MICE EXPOSED IN UTERO BARNETT, JOHN B. UNIVERSITY OF ARKANSAS LITTLE ROCK, ARK	114,886
R01 ES 2928	EFFECTS OF METHLMERCURY ON FETAL BRAIN CHOI, BEN H. UNIVERSITY OF CALIFORNIA ORANGE, CALIF	128,760
R01 ES 2974	SYNERGISTIC INTERACTIONS OF ENVIRONMENTAL TERATOGENS RITTER, EDMOND J. CHILDREN'S HOSPITAL MEDICAL CENTER CINCINNATI, OHIO	105,758
R01 ES 3054	JUVENILE AND ADULT SUSCEPTIBILITY TO LEAD TOXICITY WEISS, BERNARD UNIVERSITY OF ROCHESTER ROCHESTER, N Y	103,789
R01 ES 3183	LEAD NEUROTOXICITY IN THE VISUAL SYSTEM FOX, DONALD A. UNIVERSITY OF HOUSTON CENTRAL CAMPUS HOUSTON, TEX	63,779
R01 ES 31	INORGANIC LEAD POISONING AND THE CATION PUMP BERTONI, JOHN M. JEFFERSON MEDICAL COLLEGE PHILADELPHIA, PA	39,814
Y01 ES 0-0052	CONVENTIONAL TERATOLOGY STUDIES KIMMEL, CAROL NATIONAL CENTER FOR TOXICOLOGICAL RESEARCH JEFFERSON, ARK	642,000

Y01 ES 1--0067	POTENT HAZ FROM CHEM INDUC TRANSM GEN MUTAT USING SPEC LOC MET RUSSELL, LIANE B. OAK RIDGE NATIONAL LABORATORY OAK RIDGE, TENN	382,821
Y01 ES 2-0085	CHEMICAL INDUCTION OF HERITABLE TRANSLOCATIONS IN MICE GENEROSO, W.M. OAK RIDGE NATIONAL LABORATORY OAK RIDGE, TENN	152,220
Y01 ES 2-0093	SHORT-TERM IN VIVO REPRODUCTION SCHULER, RON NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY & HEALTH CINCINNATI, OHIO	158,340
Z01 ES 43002-06	THE BREAST MILK AND FORMULA PROJECT ROGAN, WALTER J. NIEHS RESEARCH TRIANGLE PARK, N C	287,357
Z01 ES 43003-04	STUDIES IN PEDIATRIC LEAD EXPOSURE ROGAN, WALTER J. NIEHS RESEARCH TRIANGLE PARK, N C	29,222
Z01 ES 43004-04	ENVIRONMENTAL EPIDEMIOLOGY SANDLER, DALE P. NIEHS RESEARCH TRIANGLE PARK, N C	253,263
Z01 ES 43008-03	USE OF THE LABORATORY IN STUDIES OF ENVIRONMENTAL EPIDEMIOLOGY EVERSON, RICHARD B. NIEHS RESEARCH TRIANGLE PARK, N C	392,883
Z01 ES 44003-05	EPIDEMIOLOGIC STUDY OF REPRODUC OUTOMES AND ENVIRM EXPOSURES WILCOX, ALLEN J. NIEHS RESEARCH TRIANGLE PARK, N C	362,036
Z01 ES 70010-06	STUDY OF NORMAL AND ABNORMAL EMBRYONNIC DEVELOPMENT PRATT, R.M. NIEHS RESEARCH TRIANGLE PARK, N C	118,964
Z01 ES 70011-02	STUDY OF NORMAL AND ABNORMAL CRANIOFACIAL DEVELOPMENT PRATT, R.M. NIEHS RESEARCH TRIANGLE PARK, N C	351,938

Z01 ES 70060-09 EFFECT OF PRENAT EXPOSU TO FOREIGN CHEM ON GENITAL TRACT DEVEL 540,300
MCLACHLAN, J.A.
NIEHS
RESEARCH TRIANGLE PARK, N C

Z01 ES 70080-09 THE STUDY OF TOXIC EFFECTS OF ENVIRON CHEM ON SPERMATOGENESIS 270,150
LEE, I.P.
NIEHS
RESEARCH TRIANGLE PARK, N C

9,582,477

F32 EY05482-02	PROTEOGLYCANS FROM THE INTERPHOTORECEPTOR MATRIX PFEFFER, BRUCE A NATIONAL INSTITUTES OF HEALTH BETHESDA MD	799
F32 EY05482-02	PROTEOGLYCANS FROM THE INTERPHOTORECEPTOR MATRIX PFEFFER, BRUCE A NATIONAL INSTITUTES OF HEALTH BETHESDA MD	549
F32 EY05482-02	PROTEOGLYCANS FROM THE INTERPHOTORECEPTOR MATRIX PFEFFER, BRUCE A NATIONAL INSTITUTES OF HEALTH BETHESDA MD	12
F32 EY05495-03	EXTRACELLULAR MATRIX IN CORNEAL MORPHOGENESIS TOMASEK, JAMES J HARVARD UNIVERSITY BOSTON MASS	17,736
F32 EY05508-02	IDENTIFICATION AND DEVELOPMENT OF RETINAL TRANSMITTERS FREDERICK, JEANNE M BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	17,736
F32 EY05524-02	DEVELOPMENT OF NEURAL CONNECTIONS TO EXTRAOCULAR MUSCLE FERGUSON, ALICE E UNIVERSITY OF CALIFORNIA LA JOLLA CALIF	17,040
F32 EY05554-01	DEVELOPMENT OF SUBCORTICAL VISUAL CONNECTIONS PULOS, ELIZABETH UNIVERSITY OF COLORADO BOULDER COLO	17,040
F32 EY05579-01	RETINAL CELL DEATH AND RETINOTECTAL MAP FORMATION REH, THOMAS A PRINCETON UNIVERSITY PRINCETON N J	16,380
F32 EY05603-01	ACTIVITY, IONIC LEVELS, AND PLASTICITY IN VISUAL SYSTEMS LAW, MARGARET I UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	16,380

F32 EY05620-01	ROLE OF NEURAL ACTIVITY IN RETINOTOPIC MAP FORMATION SYMONDS, LAURA L PRINCETON UNIVERSITY PRINCETON N J	16,380
F32 EY05621-01	RECOVERY FROM STRABISMUS ANDERSON, PATRICIA A UNIVERSITY OF CALIFORNIA BERKELEY CALIF	16,380
F32 EY05625-01	ANATOMY AND PHYSIOLOGY OF THE MARGINAL RETINA HITCHOCK, PETER F UNIVERSITY OF MICHIGAN ANN ARBOR MICH	16,380
F32 EY05626-01	OCULAR SURFACE HEALING GEGGEL, HARRY S EYE RES. INST. OF THE RETINA FOUND. BOSTON MASS	19,236
F32 EY05632-01	PRENATAL DEVELOPMENT OF MAMMALIAN VISUAL CONNECTIONS SHOTWELL, SANDRA L STANFORD UNIVERSITY STANFORD CALIF	16,380
F32 EY05644-01	FINE STRUCTURE OF THE FETAL RETINOGENICULATE PROJECTION WILLIAMS, ROBERT W YALE UNIVERSITY NEW HAVEN CONN	16,380
F32 EY05647-01	LENS CRYSTALLIN PROTEIN INVOLVED IN CATARACTS BELISLE, ELIZABETH H UNIV. OF MEDICINE & DENTISTRY OF NEW JERSEY NEWARK N J	17,040
F32 EY05657-01	ZINC AND VITAMIN A DEFICIENCIES AND RETINAL DEVELOPMENT ROGERS, JOHN M UNIVERSITY OF CALIFORNIA DAVIS CALIF	16,380
F32 EY05670-01	ORGANIZATION OF VISUAL CORTEX AFTER PRENATAL ENUCLEATION SHOOK, BRENDA L UNIVERSITY OF CALIFORNIA DAVIS CALIF	16,380
K04 EY00101-05	THE FORMATION OF VISUAL NEURONAL CONNECTIONS SHARMA, SANSAR C NEW YORK MEDICAL COLLEGE VALHALLA N Y	39,204

K04 EY00144-04	CYCLIC NUCLEOTIDES IN CONE METABOLISM AND DISEASE FARBER, DEBORA B UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	41,640
K04 EY00148-04	BIOCHEMICAL STUDIES OF RETINAL DEGENERATIONS SCHMIDT, SUSAN Y HARVARD UNIVERSITY BOSTON MASS	39,118
K04 EY00174-03	STUDIES ON THE DEVELOPING AND ADULT VISUAL SYSTEMS FISHER, STEVEN K UNIVERSITY OF CALIFORNIA SANTA BARBARA CALIF	41,399
K04 EY00188-03	RETINAL DIFFERENTIATION, CELL INTERACTIONS, & PLASTICITY BLANKS, JANET C ESTELLE DOHENY EYE FOUND LOS ANGELES CALIF	32,400
K04 EY00213-01	DEVELOPMENT OF THE VISUAL SYSTEM STRYKER, MICHAEL P UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	41,148
K04 EY00223-02	PRINCIPLES OF VISUAL SYSTEM DEVELOPMENT CASAGRANDE, VIVIEN A VANDERBILT UNIVERSITY NASHVILLE TENN	38,724
K04 EY00244-05	STUDIES OF CORNEAL EPITHELIAL DIFFERENTIATION SUN, TUNG-TIEN NEW YORK UNIVERSITY NEW YORK N Y	39,690
P50 EY02014-05	STUDIES OF RETINITIS PIGMENTOSA AND ALLIED DISEASES BERSON, ELIOT L HARVARD UNIVERSITY BOSTON MASS	6,961
P50 EY02014-06	STUDIES OF RETINITIS PIGMENTOSA AND ALLIED DISEASES BERSON, ELIOT L HARVARD UNIVERSITY BOSTON MASS	274,927
P50 EY02179-04	CLINICAL CENTER FOR HEREDITARY RETINAL DEGENERATIONS CARR, RONALD NEW YORK UNIVERSITY NEW YORK N Y	157,255

R01 EY00032-11	INTERACTIONS OF LENS PROTEINS AND SUBUNITS LI, LU-KU COLUMBIA UNIVERSITY NEW YORK N Y	119,478
R01 EY00046-13	STUDIES ON THE ETIOLOGY OF RETINAL DEGENERATION HALL, MICHAEL O UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	137,521
R01 EY00053-13	NEURAL MECHANISMS OF VISION DAW, NIGEL W WASHINGTON UNIVERSITY SAINT LOUIS MO	108,138
R01 EY00095-21	HISTOPHYSICAL AND HISTOCHEMICAL STUDIES ON THE EYE YOUNG, RICHARD W UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	137,481
R01 EY00126-13	ANATOMICAL AND FUNCTIONAL STUDIES OF THE VISUAL SYSTEM SCHNEIDER, GERALD E MASS. INSTITUTE OF TECHNOLOGY CAMBRIDGE MASS	201,301
R01 EY00169-12	ELECTROPHYSIOLOGICAL STUDIES OF RETINAL DEGENERATIONS BERSON, ELIOT L HARVARD UNIVERSITY BOSTON MASS	243,682
R01 EY00189-26	IMMUNOLOGICAL STUDY OF NORMAL AND PATHOLOGIC OCULAR LENS MANSKI, WLADYSLAW J COLUMBIA UNIVERSITY NEW YORK N Y	228,919
R01 EY00219-21	PREVENTION OF TRACHOMA AND RELATED INFECTIONS GRAYSTON, J THOMAS UNIVERSITY OF WASHINGTON SEATTLE WASH	151,772
R01 EY00376-13	STUDIES OF THE VISUAL SYSTEM OF AMBLYOPIC PATIENTS HAMASAKI, DUCO I UNIVERSITY OF MIAMI MIAMI FLA	157,625
R01 EY00395-14	MATURATION OF METABOLISM IN NORMAL & DYSTROPHIC RETINA LOLLEY, RICHARD N UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	61,940

R01 EY00606-19	STUDIES OF THE VISUAL SYSTEM WIESEL, TORSTEN N HARVARD UNIVERSITY BOSTON MASS	183,006
R01 EY00621-09	FUNCTIONAL ORGANIZATION OF THE VISUAL SYSTEM PEARLMAN, ALAN L WASHINGTON UNIVERSITY SAINT LOUIS MO	104,883
R01 EY00725-11	VITREORETINAL JUNCTURE FOOS, ROBERT Y UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	70,975
R01 EY00874-08	STUDIES IN OPHTHALMIC DISEASES VAINISI, SAMUEL J UNIVERSITY OF ILLINOIS CHICAGO ILL	21,512
R01 EY00901-09	PSYCHOPHYSICAL STUDIES OF COLOR-DEFECTIVE OBSERVERS POKORNY, JOEL M UNIVERSITY OF CHICAGO CHICAGO ILL	133,155
R01 EY00926-09	ERG AND VECP AS INDICES OF PHOTOPIC DYSFUNCTION SOKOL, SAMUEL NEW ENGLAND MEDICAL CENTER HOSPITAL BOSTON MASS	114,820
R01 EY00952-11	FIBROBLAST DIFFERENTIATION DURING EYE DEVELOPMENT CONRAD, GARY W KANSAS STATE UNIVERSITY MANHATTAN, KANS	77,651
R01 EY01117-10	SYNAPTIC ORGANIZATION OF THE OPTIC TECTUM FREEMAN, JOHN A VANDERBILT UNIVERSITY NASHVILLE TENN	193,214
R01 EY01120-09	LABORATORY STUDIES OF AMBLYOPIA VON NOORDEN, GUNTER K BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	112,627

R01 EY01139-08	BEHAVIORAL MEASURES OF BINOCULAR VISION HARWERTH, RONALD S UNIVERSITY OF HOUSTON HOUSTON TEX	105,826
R01 EY01175-10	VISUAL DEVELOPMENT AND DEPRIVATION FREEMAN, RALPH D UNIVERSITY OF CALIFORNIA BERKELEY CALIF	111,837
R01 EY01191-09	VISION AND VISUOMOTOR MECHANISMS HELD, RICHARD M MASS. INSTITUTE OF TECHNOLOGY CAMBRIDGE MASS	112,089
R01 EY01208-09	PRIMATE VISUAL SYSTEM DEVELOPMENT AND DEPRIVATION HENDRICKSON, ANITA E UNIVERSITY OF WASHINGTON SEATTLE WASH	141,160
R01 EY01221-09	INTERMEDIATE PROCESSES IN PHOTORECEPTORS PINTO, LAWRENCE H PURDUE UNIVERSITY WEST LAFAYETTE IND	130,269
R01 EY01244-10	CONE DEGENERATION--STRUCTURAL AND FUNCTIONAL STUDIES AGUIRRE, GUSTAVO D UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	127,634
R01 EY01311-09	PROTEIN TRANSPORT IN RETINAL PHOTORECEPTORS AND AXONS BUNT, ANN H UNIVERSITY OF WASHINGTON SEATTLE WASH	152,453
R01 EY01331-09	DEVELOPMENTAL STUDIES OF THE VISUAL SYSTEM KALIL, RONALD E UNIVERSITY OF WISCONSIN MADISON WISC	114,280
R01 EY01338-07	DEVELOPMENT OF THE RETINOGENICULATE SYSTEM HICKEY, TERRY L UNIVERSITY OF ALABAMA BIRMINGHAM ALA	85,712
R01 EY01349-08	FUNCTIONAL ANATOMY OF THE ANTERIOR SEGMENT OF THE EYE RAVIOLA, GIUSEPPINA E BOSTON UNIVERSITY BOSTON MASS	138,535

R01 EY01426-08	GENESIS OF NEURAL SPECIFICITY IN THE VISUAL SYSTEM SHARMA, SANSAR C NEW YORK MEDICAL COLLEGE VALHALLA N Y	69,603
R01 EY01441-05	EYE TUMORS: IN VITRO IMMUNODIAGNOSIS AND MONITORING CHAR, DEVRON H UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	76,910
R01 EY01533-07	COMPARATIVE STUDY OF AGING OF THE CRYSTALLINE LENS FARNSWORTH, PATRICIA N UNIV. OF MEDICINE & DENTISTRY OF NEW JERSEY NEWARK N J	20,227
R01 EY01559-07	DEVELOPMENTAL GLAUCOMA: LONG-TERM EVALUATION HOSKINS, H DUNBAR, JR UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	38,808
R01 EY01578-07	EYE INFECTIONS BY TYPE 2 HERPES SIMPLEX VIRUS OH, JANG O UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	115,065
R01 EY01687-07	BIOCHEMICAL STUDIES OF RETINA AND PIGMENT EPITHELIUM SCHMIDT, SUSAN Y HARVARD UNIVERSITY BOSTON MASS	86,421
R01 EY01707-06	PSYCHOPHYSICAL STUDIES OF RETINITIS PIGMENTOSA ZWAS, FRED WAYNE STATE UNIVERSITY DETROIT MICH	57,170
R01 EY01723-05	PREMATURITY, VITAMIN E & RETROLENTAL FIBROPLASIA BOWEN, FRANK W PENNSYLVANIA HOSPITAL PHILADELPHIA PA	241,745
R01 EY01773-06	GENETICS IN OPHTHALMOLOGY MAUMENEE, IRENE H JOHNS HOPKINS UNIVERSITY BALTIMORE MD	92,671
R01 EY01778-07	EFFECTS OF VISUAL DEPRIVATION IN PRIMATES CASAGRANDE, VIVIEN A VANDERBILT UNIVERSITY NASHVILLE TENN	100,315

R01 EY01791-07	STUDIES OF RETINITIS PIGMENTOSA MASSOF, ROBERT W JOHNS HOPKINS UNIVERSITY BALTIMORE MD	191,354
R01 EY01606-06	OCULAR LYSOSOMES IN HEREDITARY RETINAL DEGENERATIONS SIAKOTOS, ARISTOTLE N INDIANA UNIV-PURDUE UNIV. INDIANAPOLIS IND	143,808
R01 EY01872-06	EXPERIMENTS ON THE DEVELOPMENT OF NEURAL PATHWAYS PATON, MARTHA C PRINCETON UNIVERSITY PRINCETON N J	96,172
R01 EY01901-06	THE ROLE OF INHIBITION IN EXPERIMENTAL AMBLYOPIA DUFFY, FRANK H CHILDREN'S HOSPITAL MED. CENTER BOSTON MASS	172,885
R01 EY01903-07	PATHOLOGY OF RETINAL DYSFUNCTION TSO, MARK O UNIVERSITY OF ILLINOIS CHICAGO ILL	122,353
R01 EY01919-07	CELLULAR MECHANISMS OF INHERITED RETINAL DEGENERATION LA VAIL, MATTHEW M UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	185,878
R01 EY01927-06	EYE LENS EPITHELIAL CELL DIFFERENTIATION AND CATARACT TREVITHICK, JOHN R UNIVERSITY OF WESTERN ONTARIO LONDON CANADA	53,720
R01 EY01938-06	THE VISUAL SYSTEM IN NORMAL AND ABNORMAL MICE DRAGER, URSULA C HARVARD UNIVERSITY BOSTON MASS	169,493
R01 EY01939-04	TOCOPHEROL PROTECTION IN RETINOPATHY OF PREMATURITY PHELPS, DALE L UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	144,811
R01 EY01959-06	ENVIRONMENTAL LIGHT AND RETINAL MEMBRANE DEVELOPMENT ORGANISCIAK, DANIEL T WRIGHT STATE UNIVERSITY DAYTON OHIO	78,638

R01 EY01966-06	EXPERIMENTAL MYOPIA IN PRIMATES WIESEL, TORSTEN N HARVARD UNIVERSITY BOSTON MASS	139,153
R01 EY02028-06	STUDIES OF PIGMENT EPITHELIUM IN VITRO PHAGOCYTOSIS EDWARDS, ROSS B HARVARD UNIVERSITY BOSTON MASS	129,645
R01 EY02038-06	BLOOD-RETINAL BARRIERS IN EXPERIMENTAL RETINOPATHIES BELLHORN, ROY W MONTEFIORE HOSPITAL NEW YORK N Y	125,732
R01 EY02068-04	PATHOGENESIS OF PRIMARY OPEN-ANGLE/CONGENITAL GLAUCOMA ALVARADO, JORGE A UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	9,331
R01 EY02068-05	PATHOGENESIS OF PRIMARY OPEN-ANGLE/CONGENITAL GLAUCOMA ALVARADO, JORGE A UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	125,087
R01 EY02086-06	STROMAL PIGMENT CELLS OF THE UVEA IN CULTURE HU, FUNAN MEDICAL RESEARCH FOUNDATION PORTLAND OREG	91,001
R01 EY02115-06	PSYCHOPHYSICAL MEASURES OF SUPRATHRESHOLD RESPONSES HOOD, DONALD C COLUMBIA UNIVERSITY NEW YORK N Y	81,401
R01 EY02171-06	BIOCHEMICAL CONTROL IN NORMAL AND DISEASED RETINAS REIF-LEHRER, LIANE EYE RES. INST. OF THE RETINA FOUND. BOSTON MASS	181,437
R01 EY02186-05	REGENERATION OF CORNEAL EPITHELIUM AND ENDOTHELIUM GOSPODAROWICZ, DENIS J UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	135,996
R01 EY02193-05	ANIMAL MODELS OF DEVELOPMENTAL VISUAL DISORDERS VAN SLUYTERS, RICHARD C UNIVERSITY OF CALIFORNIA BERKELEY CALIF	84,560

R01 EY02199-05	CONGENITAL CATARACTS GELATT, KIRK N UNIVERSITY OF FLORIDA GAINESVILLE FLA	58,032
R01 EY02216-05	INCLUSION CONJUNCTIVITIS OF THE NEWBORN SCHACHTER, JULIUS UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	114,541
R01 EY02221-05	OPHTHALMIC PARAMETERS IN THE DEVELOPMENT OF MYOPIA MC KANNA, JAMES A VANDERBILT UNIVERSITY NASHVILLE TENN	105,042
R01 EY02261-05	CORNEAL STROMA: SYNTHESIS AND ASSEMBLY OF COLLAGENS LINSENMAYER, THOMAS F MASSACHUSETTS GENERAL HOSPITAL BOSTON MASS	123,096
R01 EY02293-03	EFFECTS OF DEPRIVATION ON THE OCULOMOTOR SYSTEM SPARKS, DAVID L UNIVERSITY OF ALABAMA BIRMINGHAM ALA	82,113
R01 EY02352-05	LENS CATARACT AND RNA MODIFICATION LAVERS, GENE C NEW YORK UNIVERSITY NEW YORK N Y	61,133
R01 EY02359-06	REPRODUCTIVE HORMONES AND RETINAL DEGENERATION O'STEEN, WENDALL K WAKE FOREST UNIVERSITY WINSTON-SALEM N C	68,780
R01 EY02362-06	METABOLISM OF THE RETINA IN VITRO HOLLYFIELD, JOE G BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	119,933
R01 EY02363-06	DEVELOPMENT AND MAINTENANCE OF RETINAL CELLS HOLLYFIELD, JOE G BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	125,321
R01 EY02366-04	PSYCHOPHYSICAL DIAGNOSIS OF RETINITIS PIGMENTOSA CORWIN, THOMAS R UNIVERSITY OF ROCHESTER ROCHESTER N Y	96,815

R01 EY02374-07	ABNORMALITIES IN VISUAL PATHWAYS GUILLERY, RAINER W UNIVERSITY OF CHICAGO CHICAGO ILL	159,333
R01 EY02414-05	STUDIES ON DISK RENEWAL IN RETINAL VISUAL CELLS BESHARSE, JOSEPH C EMORY UNIVERSITY ATLANTA GA	89,411
R01 EY02482-05	PROSTAGLANDINS IN PREMATURE INFANT VASCULAR PHYSIOLOGY FLOWER, ROBERT W JOHNS HOPKINS UNIVERSITY BALTIMORE MD	143,244
R01 EY02488-05	DEVELOPMENT AND FUNCTION OF THE VISUAL SYSTEM MURPHY, E HAZEL MEDICAL COLLEGE OF PENN. PHILADELPHIA PA	119,013
R01 EY02510-05	DEVELOPMENT OF SPATIAL VISION BOOTHE, RONALD G UNIVERSITY OF WASHINGTON SEATTLE WASH	96,107
R01 EY02523-05	CATARACT AND LENS DETERIORATION DUE TO MATURATION MUGGLETON-HARRIS, AUDREY L WORCESTER POLYTECHNIC INST. WORCESTER MASS	94,666
R01 EY02545-05	PARALLEL PATHWAYS IN VISUAL PROCESSING AND DEVELOPMENT SPEAR, PETER D UNIVERSITY OF WISCONSIN MADISON WIS	106,121
R01 EY02568-05	LENS STEROL METABOLISM & THE U1866A INDUCED CATARACT CENEDELLA, RICHARD J KIRKSVILLE COLLEGE OF OSTEOPATHY KIRKSVILLE MISS	44,098
R01 EY02575-05	A GENETIC EYE DEFECT AND AMELANOSIS SMYTH, J ROBERT, JR UNIVERSITY OF MASSACHUSETTS AMHERST MASS	104,172
R01 EY02581-05	CLINICAL ASSESSMENT OF VISUAL ACUITY DOBSON, MARGARET V UNIVERSITY OF WASHINGTON SEATTLE WASH	109,731

R01 EY02593-05	PRENATAL DEVELOPMENT OF THE PRIMATE VISUAL SYSTEM RAKIC, PASKO T YALE UNIVERSITY NEW HAVEN CONN	188,343
R01 EY02608-05	DEVELOPMENT AND REGENERATION OF THE VERTEBRATE RETINA LAM, DOMINIC M BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	106,308
R01 EY02642-04	OPTIC FIBER PATTERNS: ONTOGENY OF NEURONAL CONNECTIONS GRANT, PHILIP UNIVERSITY OF OREGON EUGENE OREG	93,730
R01 EY02649-04	AMBLYOPIA IN EARLY CATARACT AND STRABISMUS HELD, RICHARD M MASS. INSTITUTE OF TECHNOLOGY CAMBRIDGE MASS	73,984
R01 EY02651-05	CYCLIC NUCLEOTIDES IN CONE METABOLISM AND DISEASE FARBER, DEBORA A UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	62,736
R01 EY02727-04	ROLE OF VISION IN ETIOLOGY OF AXIAL MYOPIA WALLMAN, JOSHUA CITY COLLEGE OF NEW YORK NEW YORK N Y	114,856
R01 EY02853-04	ELECTRON MICROSCOPY OF INHERTIED RETINAL DEGENERATION MC LAUGHLIN, BARBARA J UNIV. OF TENN. HEALTH CENTER MEMPHIS TENN	123,982
R01 EY02858-04	FETAL AND POSTNATAL DEVELOPMENT OF VISUAL CONNECTIONS SHATZ, CARLA J STANFORD UNIVERSITY STANFORD CALIF	149,585
R01 EY02874-04	DEVELOPMENT AND PLASTICITY OF THE VISUAL SYSTEM STRYKER, MICHAEL P UNIVERSITY OF CALIFORNIA SAN FRANCISCO CALIF	85,046
R01 EY02920-04	PSYCHOPHYSICAL STUDIES OF INFANT VISION TELLER, DAVIDA Y UNIVERSITY OF WASHINGTON SEATTLE WASH	42,498

R01 EY02988-03	MORPHOLOGICAL STUDIES OF RETINAL DEGENERATIONS SZAMIER, ROBERT B HARVARD UNIVERSITY BOSTON MASS	930
R01 EY02994-04	REFRACTIVE STUDIES OF INFANT AND ADULT HUMAN EYES HOWLAND, HOWARD C CORNELL UNIVERSITY ITHACA N Y	41,769
R01 EY03042-04	RETINAL DIFFERENTIATION, CELL INTERACTIONS, AND PLASTICI BLANKS, JANET M ESTELLE DOHENY EYE FOUNDATION LOS ANGELES CALIF	46,745
R01 EY03093-04	IMMUNODIAGNOSIS OF OCULAR HERPES VIRUS INFECTIONS CLEVELAND, PATRICK UNIVERSITY OF CALIFORNIA LA JOLLA CALIF	10,601
R01 EY03106-03	CLINICAL APPLICATION OF VITREOUS FLUOROPHOTOMETRY BLAIR, NORMAN P UNIVERSITY OF ILLINOIS CHICAGO ILL	106,803
R01 EY03158-03	GENETIC CONTROLS IN EYE LENS DEVELOPMENT ZWAAN, JOHAN MASSACHUSETTS EYE AND EAR INFIRMARY BOSTON MASS	128,224
R01 EY03173-04	GENETIC CATARACT AND OTHER LENS DISORDERS CHEN, JOHN H NEW YORK UNIVERSITY NEW YORK N Y	123,644
R01 EY03177-04	STUDIES ON LENS DIFFERENTIATION MC AVOY, JOHNSTON W UNIVERSITY OF SYDNEY SYDNEY AUSTRALIA	34,205
R01 EY03211-03	RETINAL AND VISUAL DEVELOPMENT IN THE FIRST YEAR FULTON, ANNE B CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	146,774
R01 EY03222-04	VISUAL CELL-PIGMENT CELL INTERFACE AND DISC TURNOVER BESHARSE, JOSEPH C EMORY UNIVERSITY ATLANTA GA	73,976

R01 EY03274-04	SYNTHESIS AND PHAGOCYTOSIS IN OCULAR NEUROEPITHELIA FEENEY, LYNETTE UNIVERSITY OF MISSOURI COLUMBIA MO	94,958
R01 EY03299-03	PHOTORECEPTOR DEGENERATION IN SCRAPIE BUYUKMIHCI, NED UNIVERSITY OF CALIFORNIA DAVIS CALIF	74,512
R01 EY03303-05	PSYCHOPHYSICAL EFFECTS OF VISUAL DEPRIVATION LOOP, MICHAEL S UNIVERSITY OF ALABAMA BIRMINGHAM ALA	9,341
R01 EY03321-04	STRUCTURAL BASIS FOR PROCESSING VISUAL INFORMATION LUND, JENNIFER S MED. UNIV. OF SOUTH CAROLINA CHARLESTON S C	120,836
R01 EY03326-04	TRANSPLANTATION STUDIES OF THE RAT VISUAL SYSTEM LUND, RAYMOND D MED. UNIV. OF SOUTH CAROLINA CHARLESTON S C	75,943
R01 EY03335-03	NONDEPRIVATION MODELS OF AMBLYOPIA MOWER, GEORGE D CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	95,642
R01 EY03400-03	PIGMENT EPITHELIAL HYPERTROPHY AGUIRRE, GUSTAVO D PRESBYTERIAN-UNIVERSITY PHILADELPHIA PA	20,225
R01 EY03409-03	MONOAMINERGIC CONTROL OF DEVELOPING VISUAL NEURONS KASAMATSU, TAKUJI CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA CALIF	103,296
R01 EY03414-04	DEVELOPMENT AND PLASTICITY OF VISUAL CONNECTIONS LUND, RAYMOND D MED. UNIV. OF SOUTH CAROLINA CHARLESTON S C	100,021
R01 EY03418-03	STRUCTURE AND PERMEABILITY OF THE CHORIOCAPILLARIS ESSNER, EDWARD S WAYNE STATE UNIVERSITY DETROIT MICH	50,042

R01 EY03422-02	DIFFUSIBLE AND BOUND CALCIUM IN RETINA AND CHOROID PANESSA-WARREN, BARBARA STATE UNIVERSITY NEW YORK STONY BROOK N Y	96,524
R01 EY03427-02	EXTRA-STRIATE VISUAL CORTEX LEVENTHAL, AUDIE G UNIVERSITY OF UTAH SALT LAKE CITY UTAH	83,204
R01 EY03429-03	DEVELOPMENT OF THE BLOOD-OCULAR BARRIERS BEEBE, DAVID C U.S. UNIFORMED SERVICES UNIV. BETHESDA MD	26,303
R01 EY03447-03	GANGLION CELLS IN RAT RETINA LAND, PETER W MED. UNIV. OF SOUTH CAROLINA CHARLESTON S C	43,347
R01 EY03470-03	EFFECT OF VISUAL EXPERIENCE ON CNS CONNECTIVITY UDIN, SUSAN B STATE UNIVERSITY OF NEW YORK BUFFALO N Y	48,436
R01 EY03475-02	VISION AFTER CONGENITAL CATARACT TREATMENT MAURER, DAPHNE M HOSPITAL FOR SICK CHILDREN TORONTO CANADA	50,888
R01 EY03513-02	RETROLENTAL FIBROPLASIA: CLINICAL AND RESEARCH ASPECTS FLYNN, JOHN T UNIVERSITY OF MIAMI MIAMI FLA	334,440
R01 EY03523-04	GLIAL FUNCTION IN THE VERTEBRATE RETINA SARTHY, VIJAY P UNIVERSITY OF WASHINGTON SEATTLE WASH	73,926
R01 EY03529-02	GENETIC DISSECTION OF PHOTOTRANSDUCTION MINKE, BARUCH HEBREW UNIVERSITY OF JERUSALEM JERUSALEM ISRAEL	50,538
R01 EY03532-02	VISUAL DEVELOPMENT OF SENSORY AND MOTOR FUNCTIONS SCHOR, CLIFTON M UNIVERSITY OF CALIFORNIA BERKELEY CALIF	35,818

R01 EY03580-02	BINOCULAR VISION IN PARENTS OF STRABISMIC SUBJECTS FLYNN, JOHN T UNIVERSITY OF MIAMI MIAMI FLA	98,881
R01 EY03588-02	STRABISMUS IN ANIMALS CHINO, YUZO M ILLINOIS COLLEGE OF OPTOMETRY CHICAGO ILL	23,232
R01 EY03592-02	VISUAL SYSTEM DEVELOPMENT AND SYNAPTOGENESIS MEINERTZHAGEN, IAN A DALHOUSIE UNIVERSITY HALIFAX CANADA	31,593
R01 EY03611-02	OPTICALLY INDUCED ANISOMETROPIA IN MONKEYS SMITH, EARL L, III UNIVERSITY OF HOUSTON HOUSTON TEX	58,973
R01 EY03622-02	NORMAL AND ABNORMAL SPATIAL DEVELOPMENT TYLER, CHRISTOPHER W MEDICAL RESEARCH INSTITUTE SAN FRANCISCO CALIF	102,256
R01 EY03624-02	THE NEUROPHARMACOLOGY OF THE RETINA RANDO, ROBERT R HARVARD UNIVERSITY BOSTON MASS	93,135
R01 EY03653-03	ANATOMICAL STUDIES OF VISUAL AND SENSORY DEPRIVATION COWAN, W MAXWELL SALK INSTITUTE LA JOLLA CALIF	130,410
R01 EY03664-02	NEUROTRANSMITTERS IN THE VISUAL SYSTEM SARTHY, VIJAY P UNIVERSITY OF WASHINGTON SEATTLE WASH	76,626
R01 EY03680-02	OCULAR PATHOLOGY IN MELANOMATOUS SWINE FEENEY, LYNETTE UNIVERSITY OF MISSOURI COLUMBIA MO	65,433
R01 EY03701-02	NEUROPEPTIDES IN THE RETINA SU, YING-YET T BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	44,409

R01 EY03708-02	VISUAL FUNCTION AND ACADEMIC PERFORMANCE HELVESTON, EUGENE M INDIANA UNIV./PURDUE UNIV. INDIANAPOLIS IND	32,831
R01 EY03713-02	NEURONAL PATTERNS IN THE DEVELOPING VISUAL SYSTEM MC LOON, STEVEN C MED. UNIV. OF SOUTH CAROLINA CHARLESTON S C	28,062
R01 EY03718-02	STUDIES OF SYNAPTOGENESIS IN THE OPTIC TECTUM NORDEN, JEANETTE J VANDERBILT UNIVERSITY NASHVILLE TENN	91,489
R01 EY03735-02	IMMUNOLOGICAL ANALYSIS OF THE MAMMALIAN VISUAL SYSTEM BARNSTABLE, COLIN J HARVARD UNIVERSITY BOSTON MASS	98,562
R01 EY03757-02	GENE EXPRESSION IN THE NORMAL AND CATARACTOUS LENS BHAT, SURAJ P COLUMBIA UNIVERSITY NEW YORK N Y	113,909
R01 EY03783-02	VISUAL CORTEX DEVELOPMENT: NEUROTRANSMITTERS PARNAVELAS, JOHN G UNIVERSITY OF TEXAS HLTH. SCI. CENTER DALLAS TEX	74,259
R01 EY03805-02	DEVELOPMENT OF STRUCTURE/FUNCTION IN THE VISUAL SYSTEM FRIEDLANDER, MICHAEL J UNIVERSITY OF ALABAMA BIRMINGHAM ALA	86,234
R01 EY03815-02	METABOLIC STUDIES OF CULTURED PIGMENT EPITHELIUM SCHMIDT, SUSAN Y MASS. EYE AND EAR INFIRMARY BOSTON MASS	66,746
R01 EY03849-02	SYNTHESIS & DEVELOPMENT OF NEUROFILAMENTS IN OPTIC NERVE LIEM, RONALD K NEW YORK UNIVERSITY NEW YORK N Y	54,246
R01 EY03880-02	THE RELATION OF VISUAL PIGMENT AND SENSITIVITY FULTON, ANNE B CHILDREN'S HOSPITAL MEDICAL CENTER BOSTON MASS	49,905

R01 EY03881-02	ANATOMICAL STUDIES OF VISUAL SYSTEM DEVELOPMENT BRUNSO-BECHTOLD, JUDY K VANDERBILT UNIVERSITY NASHVILLE TENN	87,272
R01 EY03931-01	RETINAL DEGENERATION: STUDY OF PE CELL SURFACE PROTEINS CLARK, VIRGINIA M UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	59,361
R01 EY03957-01	OCULOMOTOR DEVELOPMENT HAINLINE, LOUISE D BROOKLYN COLLEGE NEW YORK N Y	95,481
R01 EY03991-01	DEVELOPMENT AND REORGANIZATION OF PRENATAL VISUAL SYSTEM CHALUPA, LEO M UNIVERSITY OF CALIFORNIA DAVIS CALIF	120,223
R01 EY04050-01	6-OHDA: PROTECTION AGAINST MONOCULAR DEPRIVATION GORDON-LICKEY, BARBARA UNIVERSITY OF OREGON EUGENE OREG	117,470
R01 EY04083-01	RETINAL DEGENERATION: AN APPROACH TO THERAPY ARMSTRONG, DONALD UNIVERSITY OF FLORIDA GAINESVILLE FLA	8,265
R01 EY04083-02	RETINAL DEGENERATION: AN APPROACH TO THERAPY ARMSTRONG, DONALD UNIVERSITY OF FLORIDA GAINESVILLE FLA	111,751
R01 EY04118-01	REVERSAL OF EXPERIMENTAL AMBLYOPIA IN ADULTS PASTERNAK, TATIANA UNIVERSITY OF ROCHESTER ROCHESTER N Y	112,097
R01 EY04178-02	STUDIES OF SUBRETINAL AND CHOROIDAL SPACES LAI, YIN-LOK SAINT LOUIS UNIVERSITY SAINT LOUIS MO	104,754
R01 EY04249-01	RETINAL FUNCTION IN ADVANCED HEREDITARY DEGENERATION NOELL, WERNER K UNIVERSITY OF KANSAS KANSAS CITY KANS	97,509

R01 EY04316-02	RESIDUAL VISUAL FUNCTION IN RETINITIS PIGMENTOSA TEMME, LEONARD A UNIVERSITY OF KANSAS KANSAS CITY KANS	39,481
R01 EY04395-01	INVESTIGATIONS OF CONE PIGMENT KINETICS BURNS, STEPHEN A EYE AND EAR HOSPITAL PITTSBURGH PA	71,864
R01 EY04428-01	ROLE OF LIPIDS IN RETINAL DEGENERATIVE DISEASE BAZAN, NICOLAS G LOUISIANA STATE UNIV. MED. CTR. NEW ORLEANS LA	165,888
R01 EY04641-01	BIOSYNTHESIS OF COLLAGEN IN EMBRYONIC CHICK CORNEA KAO, WINSTON W UNIVERSITY OF CINCINNATI CINCINNATI OHIO	100,051
R01 EY04705-01	ASPECTS OF PRIMATE VITREOUS MORPHOLOGY AND PATHOLOGY RHODES, ROY H UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES CALIF	40,559
R01 EY04722-01	STUDIES OF CORNEAL EPITHELIAL DIFFERENTIATION SUN, TUNG-TIEN NEW YORK UNIVERSITY NEW YORK N Y	103,398
R01 EY04806-01	NORMAL AND ABNORMAL DEVELOPMENT OF BINOCULARITY ODOM, JAMES VERNON WEST VIRGINIA UNIVERSITY MORGANTOWN WEST VA	51,714
R03 EY04207-01	THE REFRACTIVE COMPONENTS OF THE EYE IN GROWTH DISORDERS KIVLIN, JANE D UNIVERSITY OF UTAH SALT LAKE CITY UTAH	20,280
R03 EY04230-01	IMPACT OF PE CELL MODIFICATION ON RETINAL DEGENERATION ECKHERT, CURTIS D UNIVERSITY OF CALIFORNIA LOS ANGELES CALIF	17,788
R03 EY04304-01	TRANSMITTER DEPLETION--EFFECTS ON GANGLION CELL RESPONSE ERINOFF, LYNDA CHILDREN'S HOSPITAL OF LOS ANGELES LOS ANGELES CALIF	23,589

R03 EY04347-01	A NEW TEST OF PHOTOPIGMENT KINETICS BURNS, STEPHEN A EYE AND EAR HOSPITAL PITTSBURGH PA	10,050
R03 EY04507-01	MECHANISMS OF MYOPIA DEVELOPMENT NORTON, THOMAS T UNIVERSITY OF ALABAMA BIRMINGHAM ALA	7,110
Z01 EY00012-03	GROWTH OF THE RETINAL PIGMENT EPITHELIUM COULOMBRE, ALFRED NATIONAL INSTITUTES OF HEALTH BETHESDA MD	70,000
Z01 EY00084-04	ANTERIOR CHAMBER ANOMALIES ASSOCIATED WITH GLAUCOMA KUPFER, CARL NATIONAL INSTITUTES OF HEALTH BETHESDA MD	64,000
Z01 EY00127-06	ISOLATION OF TYPE IV COLLAGEN SPECIFIC cDNA CLONES ZELENKA, PEGGY NATIONAL INSTITUTES OF HEALTH BETHESDA MD	227,000
Z01 EY00128-01	PLASMA MEMBRANE COMPOSITION AND BIOSYNTHESIS VOGELI, GABRIEL NATIONAL INSTITUTES OF HEALTH BETHESDA MD	227,000
		17,086,786

F32 HD05812-02S3	CRANIAL NEURAL CREST CELLS EFFECT OF TERATOGENS JERDAN, JANICE A NATIONAL INST OF HEALTH BETHESDA, MD	6,112
F32 HD05845-03	CELL-SURFACE ANTIGENS & EMBRYOGENESIS IN C. ELEGANS STROME, SUSAN COLORADO, U OF AT BOULDER BOULDER, COLO	17,736
F32 HD05945-03	3-D MAP OF RNA DISTRIBUTION IN XENOPUS PHILLIPS, CAREY R CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	18,468
F32 HD05952-02S1	USE OF GENETIC MARKERS IN KINSHIP & BEHAVIORAL ANALYSIS STERN, BONNIE R CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	8,868
F32 HD05955-02	THE ROLE OF ENDOGENOUS LECTINS IN MUSCLE DEVELOPMENT ROBERSON, MARIE M CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	17,040
F32 HD05969-02	FUNDAMENTAL FREQUENCY IN CONTINUOUS SPEECH LARKEY, LEAH S MASSACHUSETTS INST OF TECHNOLOGY CAMBRIDGE, MASS	17,040
F32 HD05979-02	CMV AND TRANSFUSION IN NEONATES: RISKS AND PREVENTION LEHRMAN, SANDRA N DUKE U DURHAM, N C	20,040
F32 HD05983-02	CONTROL OF ALPHA-FETOPROTEIN GENE EXPRESSION YOUNG, PETER R INST FOR CANCER RESEARCH PHILADELPHIA, PA	17,040
F32 HD05997-02	GONADAL STEROID MODULATION OF STRIATAL ACTIVITY BECKER, JILL MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	17,040

F32 HD06127-02	BIOBEHAVIORAL ASPECTS OF PRIMATE SOCIAL RELATIONSHIPS MENDOZA, SALLY P CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	18,468
F32 HD06130-01A1	SOMATOMEDINS: STRUCTURAL AND FUNCTIONAL CORRELATES WILSON, DARRELL M STANFORD U STANFORD, CALIF	20,040
F32 HD06136-02	SPECIFIC TRANSCRIPTION OF THE ALPHA-FETOPROTEIN GENE SCOTT, RICHARD W INST FOR CANCER RESEARCH PHILADELPHIA, PA	17,040
F32 HD06151-03	THE ONTOGENESIS OF LANGUAGE DOMINANCE NASS, RUTH D CORNELL U MED CTR NEW YORK, N Y	21,708
F32 HD06153-01A1	THE SYNTHESIS AND SECRETION OF DECIDUAL PROLACTIN MARKOFF, EDITH G DUKE U DURHAM, N C	17,040
F32 HD06157-03	PROLACTIN REGULATION OF MILK PROTEIN MRNA METABOLISM JOHNSON, MARK L BAYLOR COLL OF MEDICINE HOUSTON, TEX	17,736
F32 HD06158-02	MECHANISMS OF PHEROMONE-MEDIATED PUBERTY IN MICE MACMILLAN, BRUCE T TEXAS, U OF AUSTIN, TEX	17,040
F32 HD06180-02	THE ONTOGENESIS OF CONDITIONAL REASONING O'BRIEN, DAVID P NEW YORK U NEW YORK, N Y	17,040
F32 HD06181-02	CHILD MALNUTRITION: SUDEST ISLAND REGION-NEW GUINEA LEPOWSKY, MARIA A CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	17,040
F32 HD06193-02	CHIMERIC ANALYSIS OF MAMMALIAN DEVELOPMENT PRATT, BRUCE M YALE U NEW HAVEN, CONN	17,040

F32 HD06231-02	TECHNIQUES FOR STUDYING INFANT VISUAL DEVELOPMENT NELSON, CHARLES A MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	17,040
F32 HD06260-01	INTERRELATIONSHIPS BETWEEN BODY METABOLISM & PUBERTY CAMERON, JUDY L WASHINGTON, U OF SEATTLE, WASH	17,040
F32 HD06262-01	EVALUATING LIVING ENVIRONMENTS FOR THE MENTALLY RETARDED BARNES, RICHARD D GEORGIA INST OF TECHNOLOGY ATLANTA, GA	17,040
F32 HD06264-01	CALCIUM-DEPENDENT ADHESION AMONG EMBRYONIC NERVE CELLS LEUTZINGER, YVONNE S ROCKEFELLER U NEW YORK, N Y	17,040
F32 HD06267-02	DEVELOPMENT IN NORMAL & TRANSFORMED EMBRYONIC CELLS FARRELL, ROBERTA L MASSACHUSETTS INST OF TECHNOLOGY CAMBRIDGE, MASS	18,468
F32 HD06274-01	FFA AS A SOURCE OF ENERGY IN PREGNANCY AND THE NEONATE GILFILLAN, CAROL A CASE WESTERN RESERVE U CLEVELAND, OHIO	20,040
F32 HD06292-01A1	NEURON-DEPENDENT GLIAGENESIS: A CELL SURFACE ANALYSIS MARUSICH, MICHAEL F OREGON, U OF EUGENE, OREG	17,040
F32 HD06301-01	THE ROLE OF PLACENTAL LACTOGEN IN FETAL GROWTH FREEMARK, MICHAEL S DUKE U DURHAM, N C	20,040
F32 HD06319-01	IMPRINTING OF ADULT CARCINOGENESIS--A GENETIC MODEL FARIS, RONALD A NATIONAL INST OF HEALTH BETHESDA, MD	14,040
F32 HD06321-01	MOLECULAR GENETICS OF MAMMALIAN X-INACTIVATION WASSMAN, E ROBERT, JR SOUTHERN CALIFORNIA, U OF AT L A LOS ANGELES, CALIF	20,040

F32 HD06329-01	LATE HISTONE GENE TRANSCRIPTION IN SEA URCHIN EMBRYO	LAREW, MARY S	IOWA, U OF	STANFORD, CALIF	17,040
F32 HD06348-01	FEMALE AGGRESSIVE BEHAVIOR: DEVELOPMENT AND EXPRESSION	HOOD, KATHRYN E	NORTH CAROLINA, U OF	CHAPEL HILL, N C	17,040
F32 HD06350-01	THE YOUNG CHILD'S USE OF MOTION IN JUDGMENTS OF ANIMACY	STEWART, JUDITH A	CALIFORNIA, U OF AT LA JOLLA	LA JOLLA, CALIF	16,380
F32 HD06351-01	PARENT ATTRIBUTIONS AND RESPONSES TO CHILDREN	WALKER, LYNN S	VANDERBILT U	NASHVILLE, TENN	17,040
F32 HD06357-01	READING IN SLOW AND ACCELERATED BEGINNING READERS	MILLER-JONES, CYNTHIA L	TEMPLE U	PHILADELPHIA, PA	17,040
F32 HD06363-01A1	CONTROL OF PLACENTAL LACTOGEN SECRETION IN THE MOUSE	SOARES, MICHAEL J	CALIFORNIA, U OF AT SANTA CRUZ	SANTA CRUZ, CALIF	17,040
F32 HD06367-01	FIBRONECTIN AND T (BRACHYURY) MUTATION	SEITZ, ANNA F	SLOAN-KETTERING INST FOR CANCER RES	NEW YORK, N Y	17,040
F32 HD06370-01	HUMAN INFANT SPATIAL LOCALIZATION	ASHMEAD, DANIEL H	MASSACHUSETTS, U OF	AMHERST, MASS	16,380
F32 HD06379-01	VITAMIN D METABOLISM DURING REPRODUCTION	POLLARD, SUSAN K	WISCONSIN, U OF	MADISON, WIS	16,380
F32 HD06382-01	REGULATION OF GLYCOPROTEIN SYNTHESIS DURING DEVELOPMENT	LAU, JOSEPH T	JOHNS HOPKINS U	BALTIMORE, MD	17,040

F32 HD06384-01	ENDOCRINE CONTROL OF SEX-SPECIFIC BEHAVIORS MOORE, MICHAEL C TEXAS, U OF AUSTIN, TEX	16,380
F32 HD06388-01	TISSUE FACTORS INFLUENCING NERVE CELL DIFFERENTIATION FUJII, JOANNE T CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	16,380
F32 HD06396-01	PERSISTENT MULLERIAN DUCT SYNDROMES MEYERS, VICKI D PENNSYLVANIA, U OF PHILADELPHIA, PA	20,892
F32 HD06400-01	THE FUNCTION OF CARTILAGE-DERIVED GROWTH FACTORS BEKOFF, MARJORIE C CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	17,040
F32 HD06405-01	COLLAGEN EXPRESSION IN DIFFERENTIATING MYOBLASTS GERSTENFELD, LOUIS C HARVARD U CAMBRIDGE, MASS	16,380
F32 HD06421-01	BASIS OF NEUROMUSCULAR SPECIFICITY IN DEVELOPMENT WIGSTON, DONALD J WASHINGTON, U OF SEATTLE, WASH	18,468
F32 HD06432-01	T/T COMPLEX SPECIFIED PROTEINS IN MOUSE EMBRYOS KRANGEL, MICHAEL S COLD SPRING HARBOR LABORATORY COLD SPRING HARBORNEW YORK	16,380
F32 HD06438-01	FACTORS CONTROLLING RENAL FUCTION DURING DEVELOPMENT NAKAMURA, KENNETH T IOWA, U OF IOWA CITY, IOWA	18,468
F32 HD06440-01	PRIMARY STRUCTURE OF CARTILAGE PROTEOGLYCAN CORE PROTEIN COOPER, TOM A CALIFORNIA, U OF AT SAN FRANCISCO PHILADELPHIA, PA	16,380
F32 HD06453-01	THE DEVELOPMENT OF MUSCLE AND TENDON PATTERNS STOPAK, DAVID STANFORD U STANFORD, CALIF	16,380

F32 HD06462-01	ENDOCRINE & ENERGETIC REGULATION OF PARENTAL BEHAVIOR BALL, GREGORY F ROCKEFELLER U NEW YORK, N Y	16,380
F32 HD06488-01	ACTIVATION OF OPIOID-CONTAINING SYSTEMS DURING PREGNANCY BARON, SHERI A NEW YORK, STATE U OF NEW YORK, N Y	17,040
F33 HD06305-01	AN INSTRUMENT TO EVALUATE ADOLESCENTS AS MOTHERS MC ANARNEY, ELIZABETH R CORNELL U AT ITHACA ITHACA, N Y	9,032
F33 HD06326-01	VITELLOGENIN & LIPOPHORIN RECEPTORS IN INSECT OOCYTES TELFER, WILLIAM H ARIZONA, U OF TUCSON, ARIZ	21,375
F33 HD06337-01	REGULATION OF STEROIDOGENESIS BETZ, GEORGE WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	32,000
F33 HD06377-01	PREOPTIC AREA NEUROANATOMY AND MATERNAL BEHAVIOR NUMAN, MICHAEL ROCKEFELLER U NEW YORK, N Y	21,515
K01 HD00879-03	DIABETES MELLITUS: PEDIATRIC ASPECTS HAY, WILLIAM W, JR COLORADO MEDICAL CTR, U OF DENVER, COLO	45,897
K01 HD01128-01	TRANSPLACENTAL TRANSFER OF INSULIN BOUND TO ANTIBODY BAUMAN, WILLIAM A MONTEFIORE HOSP & MEDICAL CTR NEW YORK, N Y	48,805
K01 HD01130-01	EFFECTS OF MATERNAL DIABETES MELLITUS ON THE FETAL LUNG WARBURTON, DAVID CHILDRENS HOSP OF LOS ANGELES LOS ANGELES, CALIF	40,738
K04 HD00170-05	EFFECTS OF THYMIC HORMONE (THYMOSIN) IN MAN WARA, DIANE W CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	41,472

K04 HD00188-05	DIET & ETIOLOGY OF BREAST CANCER KISSINGER, DAVID G LOMA LINDA U LOMA LINDA, CALIF	36,978
K04 HD00210-05	FETAL LUNG DEVELOPMENT AND DIFFERENTIATION FUNKHOUSER, JANE D SOUTH ALABAMA, U OF MOBILE, ALA	38,096
K04 HD00213-05	PHYSIOLOGY OF MATERNAL-FETAL INTERACTION CLAPP, JAMES F, III VERMONT, U OF BURLINGTON, VT	39,291
K04 HD00223-05	ANTIGEN EXPRESSION ON EARLY MOUSE EMBRYOS HEYNER, SUSAN PHILADELPHIA COLL OF PHARMACY & SCI PHILADELPHIA, PA	40,862
K04 HD00226-05	DEVELOPMENT & CONTROL OF HEPATIC & RENAL GLUCONEOGENESIS ARINZE, IFEANYI J MEHARRY MEDICAL COLLEGE NASHVILLE, TENN	35,737
K04 HD00228-05	THE EARLY MORPHOGENESIS OF THE VERTEBRATE LIMB MACCABE, JEFFREY A TENNESSEE, U OF KNOXVILLE, TENN	40,500
K04 HD00230-04	DEVELOPMENT OF BRAIN-PITUITARY HORMONE SYSTEMS JOSEPH, SHIRLEY A ROCHESTER, U OF ROCHESTER, N Y	36,007
K04 HD00252-05	LUNG PHOSPHOLIPID METABOLISM DURING DEVELOPMENT JOBE, ALAN H LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	41,472
K04 HD00253-05	NEUROHUMORAL CONTROL OF THE CIRCULATION NUWAYHID, BAHIJ S CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	40,500
K04 HD00254-05	MATURATION OF THE RENAL FUNCTION DURING FETAL LIFE ROBILLARD, JEAN E IOWA, U OF IOWA CITY, IOWA	37,973

K04 HD00255-05	NEUTROPHIL FUNCTIONS IN THE NEONATE STRAUSS, RONALD G IOWA, U OF IOWA CITY, IOWA	38,001
K04 HD00259-05	EMBRYONIC CELLULAR RECOGNITION MC CLAY, DAVID R, JR DUKE U DURHAM, N C	39,152
K04 HD00267-04	HORMONAL MODULATION OF ADRENORECEPTORS AND RESPONSE ROBERTS, JAMES M CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	37,833
K04 HD00272-01S1	CONTROL OF PITUITARY HORMONE RELEASE DANNIES, PRISCILLA S YALE U NEW HAVEN, CONN	9,882
K04 HD00272-02	CONTROL OF PITUITARY HORMONE RELEASE DANNIES, PRISCILLA S YALE U NEW HAVEN, CONN	39,852
K04 HD00276-04	CIRCADIAN RHYTHMS, THERMOREGULATION AND PHOTOPERIODISM UNDERWOOD, HERBERT A, JR NORTH CAROLINA, U AT RALEIGH RALEIGH, N C	36,794
K04 HD00283-05	NUTRITION AND DEVELOPMENT OF ADIPOSE TISSUE GREENWOOD, MARY R VASSAR COLL POUGHKEEPSIE, N Y	38,088
K04 HD00285-04	DEVELOPMENTAL INTERACTION/GEP SYSTEM/IN VIVO/IN VITRO MC EVOY, ROBERT C NEW YORK, CITY U OF NEW YORK, N Y	39,300
K04 HD00289-04	ROLE OF OOCYTE PROTEINS AND RNAS IN DEVELOPMENT GRAINGER, ROBERT M VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	38,011
K04 HD00290-04	TRANSCRIPTION OF MUSCLE-SPECIFIC GENES IN MYOGENESIS ORDAHL, CHARLES P TEMPLE U PHILADELPHIA, PA	6,039

K04 HD00293-04	THE DEVELOPMENT AND CONTROL OF NEONATAL THERMOGENESIS KLEIN, ALAN H LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	41,472
K04 HD00297-04	CARBOHYDRATE ABSORPTION IN NEONATES: BREATH ANALYSIS PERMAN, JAY A CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	41,796
K04 HD00300-03	STEROID SULFATASE BIOCHEMICAL AND GENETIC STUDIES SHAPIRO, LARRY J LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	41,472
K04 HD00307-04	GENETIC EPIDEMIOLOGY & HUMAN POPULATION BIOLOGY LANGE, KENNETH L CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	39,439
K04 HD00308-03	MATURATION OF NEONATAL CARBOHYDRATE HOMEOSTASIS COWETT, RICHARD M RHODE ISLAND HOSP PROVIDENCE, R I	38,232
K04 HD00309-04	EFFECTS OF EXPERIENCE ON INFANT PERCEPTUAL DEVELOPMENT ASLIN, RICHARD N INDIANA U BLOOMINGTON, IND	40,650
K04 HD00312-03	ENDOCYTOSIS AND EXOCYTOSIS OF LYSOSOMAL ENZYMES VLADUTIU, GEORGIRENE D CHILDRENS HOSP OF BUFFALO BUFFALO, N Y	38,915
K04 HD00319-03	EMBRYONIC DIFFERENTIATION OF HEMATOPOIETIC CELLS TURPEN, JAMES B PENNSYLVANIA STATE U UNIVERSITY PARK, PA	40,338
K04 HD00321-03	GENE EXPRESSION DURING D MELANOGASTER EMBRYOGENESIS SCHEDL, PAUL PRINCETON U PRINCETON, N J	40,658
K04 HD00323-02	MECHANISM OF CHROMOSOME BANDING TECHNIQUES HOLMQUIST, GERALD P BAYLOR COLL OF MEDICINE HOUSTON, TEX	33,457

K04 HD00330-03	HORMONE AND GENETIC REGULATION OF THE COLLAGEN GENE ROWE, DAVID W CONNECTICUT, U OF HEALTH CENTER FARMINGTON, CONN	18,997
K04 HD00346-03	RESIDENTIAL ENVIRONMENTS AND BEHAVIOR LANDESMAN-DWYER, SHARON J WASHINGTON, U OF SEATTLE, WASH	38,394
K04 HD00349-03	DIFFERENTIAL GENE EXPRESSION IN DEVELOPMENT RUDERMAN, JOAN V HARVARD U BOSTON, MASS	39,134
K04 HD00350-03	FETAL LUNG METABOLISM IN THE DIABETIC PREGNANCY ENGLE, MICHAEL J WISCONSIN, U OF MADISON, WIS	31,430
K04 HD00356-02	CHARACTERIZATION OF TRANSCRIPTIONALLY REGULATED GENES CRAIG, ELIZABETH A WISCONSIN, U OF MADISON, WIS	38,977
K04 HD00361-03	DETERMINATION AND POSITIONAL INFORMATION IN DEVELOPMENT ADLER, PAUL N VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	37,695
K04 HD00362-04	CONTROL OF GONADOTROPIN SECRETION DURING LACTATION SMITH, M SUSAN PITTSBURGH, U OF PITTSBURGH, PA	40,002
K04 HD00367-02	DEVELOPMENTAL GENETICS OF THE C. ELEGANS DAUER LARUA RIDDLE, DONALD L MISSOURI, U OF COLUMBIA, MO	38,718
K04 HD00376-04	ROLE OF BLOOD IN AORTIC ARCH DEVELOPMENT CLARK, EDWARD B IOWA, U OF IOWA CITY, IOWA	38,390
K04 HD00378-01A1	STUDIES ON THE MECHANISM OF HUMAN X-INACTIVATION MOHANDAS, THULUVANCHERI K LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	41,472

K04 HD00392-02	QUANTITAIVE GENETICS IN NATURAL POPULATIONS ARNOLD, STEVAN J CHICAGO, U OF CHICAGO, ILL	39,463
K04 HD00396-02	GENETIC STUDIES ON RECESSIVE MUTATION IN MOUSE CELLS FARBER, ROSANN A CHICAGO, U OF CHICAGO, ILL	39,463
K04 HD00407-02	REGULATION OF MALE RESPONSIVENESS BY NEUROPEPTIDES MOORE, FRANK L OREGON STATE U CORVALLIS, OREG	40,162
K04 HD00416-02	REGULATION OF THE YEAST CYTOCHROME C ZITOMER, RICHARD S NEW YORK, STATE U OF ALBANY, N Y	42,376
K04 HD00420-02	CONTROL OF TRNA GENE EXPRESSION IN BOMBYX MORI SPRAGUE, KAREN U OREGON, U OF EUGENE, OREG	39,349
K04 HD00428-02	STUDIES ON DROSOPHILA TROPOMYOSIN & OTHER MUSCLE GENES STORTI, ROBERT V ILLINOIS, U OF CHICAGO, ILL	36,492
K04 HD00430-02	REGULATION OF DEVELOPMENT & LYSOSOMAL FUNCTION DIMOND, RANDALL L WISCONSIN, U OF MADISON, WIS	38,880
K04 HD00431-02	THE ROLE OF POPULATION STRUCTURE IN EVOLUTION WADE, MICHAEL J CHICAGO, U OF CHICAGO, ILL	39,463
K04 HD00432-04	MORPHOGENESIS IN EARLY MAMMALIAN EMBRYOS WILEY, LYNN M CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	40,422
K04 HD00433-01	GENETIC MECHANISMS AFFECTING GENE COPY NUMBER ENDOW, SHARYN A DUKE U DURHAM, N C	38,426

K04 HD00435-01	FETAL GROWTH: HORMONAL CONTROL & CELLULAR MECHANISMS D'ERCOLE, A JOSEPH NORTH CAROLINA, U OF CHAPEL HILL, N C	39,749
K04 HD00454-01	CELL SURFACE ADHESION AND CELL INTERACTIONS SNELL, WILLIAM J TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	41,245
K04 HD00475-01	CONTROL OF BREATHING IN NEWBORNS LAWSON, EDWARD E NORTH CAROLINA, U OF CHAPEL HILL, N C	40,511
K04 HD00477-01	TOPICS IN GENETIC EPIDEMIOLOGY RISCH, NEIL J COLUMBIA U NEW YORK, N Y	40,824
K04 HD00479-01	VITAMIN D REQUIREMENT: TERM & LOW BIRTH WEIGHT INFANTS HOLLIS, BRUCE W CASE WESTERN RESERVE U CLEVELAND, OHIO	31,104
K04 HD00492-01	DEVELOPMENTAL ORIGINS OF MOTOR CONTROL THELEN, ESTHER MISSOURI, U OF COLUMBIA, MO	35,629
K04 HD00500-05	BIOCHEMICAL BASIS FROM EXPTL FANCONI SYNDROME ROTH, KARL S VIRGINIA COMMONWEALTH U RICHMOND, VA	37,616
K04 HD00504-01	MICROTUBULE REGULATION: EXPRESSION OF TUBULIN CLEVELAND, DON W JOHNS HOPKINS U BALTIMORE, MD	39,204
K04 HD00508-01	ANALYSIS OF A SEA URCHIN EMBRYONIC GENE FAMILY KLEIN, WILLIAM H INDIANA U BLOOMINGTON, IND	38,426
K04 HD00512-01	BIOLOGICAL FOUNDATIONS OF VOCAL LEARNING DOOLING, ROBERT J MARYLAND, U OF COLLEGE PARK, MD	40,501

K04 HD00527-04	TRANSCRIPTION OF MUSCLE-SPECIFIC GENES IN MYOGENESIS ORDAHL, CHARLES P CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	34,560
K06 HD18454-21	CHEMICAL STUDIES IN GROWTH AND DEVELOPMENT FORBES, GILBERT B ROCHESTER, U OF ROCHESTER, N Y	29,977
K06 HD20325-20	RETARDATE DISCRIMINATION LEARNING AND ATTENTION ZEAMAN, DAVID CONNECTICUT, U OF AT STORRS STORRS, CONN	37,260
K08 HD00380-02	STUDIES ON NEW INBORN ERRORS OF AMINO ACID METABOLISM RHEAD, WILLIAM J IOWA, U OF IOWA CITY, IOWA	50,328
K08 HD00386-02	NICHD CLINICAL INVESTIGATOR AWARD-PEDIATRICS GRABOWSKI, GREGORY A NEW YORK, CITY U OF NEW YORK, N Y	50,328
K08 HD00411-02	OBSTETRICS AND GYNECOLOGY PALMER, SUE M LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	52,272
K08 HD00426-02	PEDIATRICS LEISTNER, HEDI L NEW YORK U NEW YORK, N Y	46,225
K08 HD00427-02	PEDIATRICS BERRY, GERARD T CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	51,203
K08 HD00453-01	PEDIATRICS KURNIT, DAVID M CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	49,194
K08 HD00481-01	NICHD CLINICAL INVESTIGATOR AWARD - PEDIATRICS COX, DAVID R CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	52,434

K08 HD00502-01	NICHD - CLINICAL INVESTIGATOR AWARD - PEDIATRICS KELLEY, RICHARD I CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	51,169
N01 HD02839-02	DIABETIC PREGNANCY: MALFORMATION & FETAL LOSSES POLK, B FRANK BOSTON HOSP FOR WOMEN BOSTON, MASS	149,608
N01 HD02840-02	DIABETIC PREGNANCY: MALFORMATION & FETAL LOSSES SIMPSON, JOE L NORTHWESTERN U CHICAGO, ILL	169,831
N01 HD02841-02	DIABETIC PREGNANCY: MALFORMATIONS & FETAL LOSSES DRASH, ALLAN L PITTSBURGH, U OF PITTSBURGH, PA	126,385
N01 HD02842-02	DIABETIC PREGNANCY: MALFORMATION & FETAL LOSSES JOVANOVIC, LOIS G CORNELL U MED CTR NEW YORK, N Y	133,596
N01 HD02843-02	DIABETIC PREGNANCY: MALFORMATION & FETAL LOSSES KNOPP, ROBERT H WASHINGTON, U OF SEATTLE, WASH	36,000
N01 HD02843-03	DIABETIC PREGNANCY: MALFORMATION & FETAL LOSSES KNOPP, ROBERT H WASHINGTON, U OF SEATTLE, WASH	181,810
N01 HD02861-07	PHYSIOLOGY OF ADRENARCHE USING CHIMPANZEE AS A MODEL HOBSON, WILLIAM C NEW MEXICO STATE U AT LAS CRUCES LAS CRUCES, N MEX	9,170
N01 HD02861-08	PHYSIOLOGY OF ADRENARCHE USING CHIMPANZEE AS A MODEL HOBSON, WILLIAM C NEW MEXICO STATE U AT LAS CRUCES LAS CRUCES, N MEX	95,024
N01 HD12420-16	RESEARCH MATERIALS FOR STUDIES OF LANGUAGE DEVELOPMENT LIBERMAN, ALVIN M HASKINS LABORATORIES NEW HAVEN, CONN	108,690

N01 HD22800-00	MASTERY IN DOWN SYNDROME AND NORMAL CHILDREN RABINOVITZ, BETH MARYLAND, U OF COLLEGE PARK, MD	79,541
N01 HD22801-00	HUMAN MILK BANKING STUDIES NEVILLE, MARGARET C COLORADO MEDICAL CTR, U OF DENVER, COLO	178,787
N01 HD22802-00	HUMAN MILK BANKING STUDIES EHRENKRANZ, RICHARD A YALE U NEW HAVEN, CONN	127,039
N01 HD22803-00	OPTIMIZATION OF HUMAN MILK HEAT TREATMENT EITENMILLER, RONALD R GEORGIA, U OF ATHENS, GA	45,809
N01 HD22814-00	CLINICAL STUDIES ON HUMAN MILK NICHOLS, BUFORD L BAYLOR COLL OF MEDICINE HOUSTON, TEX	289,540
N01 HD22815-00	COMPONENTS OF COLOSTRUM AND HUMAN MILK KELLER, MARGARET A LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	71,021
N01 HD22816-00	COMPONENTS OF COLOSTRUM AND HUMAN MILK HAMOSH, MARGIT GEORGETOWN U WASHINGTON, D C	64,739
N01 HD22817-00	COMPONENTS OF COLOSTRUM AND HUMAN MILK JENSEN, ROBERT G CONNECTICUT, U OF AT STORRS STORRS, CONN	145,119
N01 HD22818-00	TAURINE, CARNITINE, AND AMINO ACIDS IN HUMAN MILK BORUM, PEGGY R VANDERBILT U NASHVILLE, TENN	113,592
N01 HD22819-00	CHARACTERIZATION OF MEMBRANE MATERIAL IN HUMAN MILK PATTON, STUART CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	45,452

N01 HD22826-00	CULTURE AND STORAGE OF TROPHOBLASTIC AND LIVER CELLS HAY, ROBERT J AMERICAN TYPE CULTURE COLLECTION ROCKVILLE, MD	74,059
N01 HD42820-22	PHOTOTHERAPY FOR NEONATAL HYPERBILIRUBINEMIA MAURER, HAROLD M VIRGINIA COMMONWEALTH U RICHMOND, VA	34,899
N01 HD72839-09	SIDS RISK FACTOR COOPERATIVE STUDY PETERSON, DONALD R WASHINGTON, U OF SEATTLE, WASH	317,340
N01 HD82845-06	PATHOLOGY COORDINATING LABORATORY FOR SIDS DIAGNOSIS STEPHENS, BOYD G SAN FRANCISCO CORONER OFFICE SAN FRANCISCO, CALIF	34,165
N01 HD82858-05	DEVELOPMENT OF ANIMAL MODELS FOR GENETIC DISORDERS EPSTEIN, CHARLES J CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	8,500
N01 HD82858-06	DEVELOPMENT OF ANIMAL MODELS FOR GENETIC DISORDERS EPSTEIN, CHARLES J CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	51,633
P01 HD00781-19	STUDIES ON PREMATURITY BATTAGLIA, FREDERICK C COLORADO MEDICAL CTR, U OF DENVER, COLO	428,865
P01 HD00781-19S1	STUDIES ON PREMATURITY BATTAGLIA, FREDERICK C COLORADO MEDICAL CTR, U OF DENVER, COLO	88,588
P01 HD01994-17	NATURE AND ACQUISITION OF THE SPEECH CODE AND READING LIBERMAN, ALVIN M HASKINS LABORATORIES NEW HAVEN, CONN	558,722
P01 HD02080-17	THE CELL BIOLOGY OF DEVELOPMENTAL ANOMALIES PUCK, THEODORE T COLORADO MEDICAL CTR, U OF DENVER, COLO	334,432

P01 HD02881-16	DEVELOPMENTAL AND BEHAVIORAL NEUROENDOCRINOLOGY LEVINE, SEYMOUR STANFORD U STANFORD, CALIF	266,764
P01 HD03008-16	COGNITION AND MOTIVATION IN RETARDED INDIVIDUALS ZIGLER, EDWARD F YALE U NEW HAVEN, CONN	495,463
P01 HD03144-15	DEVELOPMENT OF CHILDREN FROM DEPRIVING ENVIRONMENTS SCHIEFELBUSCH, RICHARD L KANSAS, U OF AT LAWRENCE LAWRENCE, KANS	469,626
P01 HD04807-14	GENETIC AND CYTOGENETIC STUDIES OF MENTAL RETARDATION GERALD, PARK S CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	333,819
P01 HD05027-13	RESEARCH IN DEVELOPMENTAL PSYCHOLOGY HARTUP, WILLARD W MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	381,208
P01 HD05515-13A1	BIOCHEMICAL AND GENETIC ASPECTS OF MENTAL RETARDATION MC CLUER, ROBERT H E K SHRIVER CTR FOR M R INC WALTHAM, MASS	491,390
P01 HD05615-12	DEVELOPMENTAL BIOLOGY IN MENTAL RETARDATION BROWN, W JANN CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	622,438
P01 HD05951-12	COGNITION IN THE RETARDED CHILD CAMPIONE, JOSEPH C ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	314,932
P01 HD05958-12	NEUROPHYSIOLOGY & NEUROPSYCHOLOGY IN MENTAL RETARDATION BUCHWALD, NATHANIEL A CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	543,674
P01 HD06016-12	LANGUAGE FORMATION STUDIES RUMBAUGH, DUANE M EMORY U ATLANTA, GA	561,584

P01 HD06364-11	MATERNAL PROTEIN RESTRICTION AND MENTAL RETARDATION RESNICK, OSCAR WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	573,260
P01 HD06576-09	MOLECULAR ASPECTS OF MENTAL RETARDATION POPJAK, GEORGE J CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	574,232
P01 HD07578-08	GROWTH AND NUTRITION OF NORMAL INFANTS FOMON, SAMUEL J IOWA, U OF IOWA CITY, IOWA	513,735
P01 HD08315-08	BIOCHEMICAL GENETICS AND NUTRITION IN RETARDATION O'BRIEN, DONOUGH COLORADO MEDICAL CTR, U OF DENVER, COLO	404,895
P01 HD08536-08	CELLULAR MECHANISMS IN MENTAL RETARDATION SEGAL, STANTON CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	684,219
P01 HD08633-08S1	PREMATURITY IN PRIMATES: CAUSES, EFFECTS, PREVENTION SACKETT, GENE P WASHINGTON, U OF SEATTLE, WASH	20,257
P01 HD08633-09	PREMATURITY IN PRIMATES: CAUSES, EFFECTS, PREVENTION SACKETT, GENE P WASHINGTON, U OF SEATTLE, WASH	372,176
P01 HD08945-07	DEVELOPMENTAL EFFECTS OF LOW LEVEL LEAD EXPOSURE LEVITON, ALAN CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	335,028
P01 HD09130-08	LONGITUDINAL INTERVENTION FOR HIGH-RISK CHILDREN RAMEY, CRAIG T NORTH CAROLINA, U OF CHAPEL HILL, N C	521,380
P01 HD09402-08	BIOLOGICAL BASIS OF MENTAL RETARDATION SCHWARTZ, NANCY B CHICAGO, U OF CHICAGO, ILL	489,975

P01 HD09814-08	BASIC PROCESSES IN COGNITIVE AND SOCIAL DEVELOPMENT MACCOBY, ELEANOR E STANFORD U STANFORD, CALIF	440,039
P01 HD10034-07	RESPIRATION DURING DEVELOPMENT METCALFE, JAMES OREGON, U OF HEALTH SCIENCE CTR PORTLAND, OREG	493,880
P01 HD10699-06	PERINATAL INFECTIONS, IMMUNITY AND MALDEVELOPMENT ALFORD, CHARLES A, JR ALABAMA, U OF BIRMINGHAM, ALA	461,463
P01 HD10981-05	GENETIC CAUSES OF MENTAL RETARDATION MOSER, HUGO W JOHN F KENNEDY INSTITUTE BALTIMORE, MD	418,074
P01 HD11681-04	DIFFERENTIAL DIAGNOSIS IN READING DISABILITY DE FRIES, JOHN C COLORADO, U OF AT BOULDER BOULDER, COLO	406,240
P01 HD11725-05	DIABETES IN PREGNANCY TSANG, REGINALD C CINCINNATI, U OF CINCINNATI, OHIO	479,404
P01 HD11944-03	THE COMMUNITY ADAPTATION OF MILDLY RETARDED PERSONS EDGERTON, ROBERT B CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	432,154
P01 HD11966-05	MEDICAL GENETICS CENTER RIMOIN, DAVID L LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	389,349
P01 HD12278-04	A CENTER FOR THE NEURO-COGNITIVE STUDY OF DYSLEXIA BLANK, MARION S RUTGERS MEDICAL SCHOOL PISCATAWAY, N J	676,917
P01 HD13020-03	NUTRITIONAL GOALS VS TOLERANCE IN LBW INFANTS HEIRD, WILLIAM C COLUMBIA U NEW YORK, N Y	441,988

P01 HD13021-04	ROLE OF HUMAN MILK IN INFANT NUTRITION AND HEALTH HOWELL, RALPH R TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	458,474
P01 HD13543-03	BASIC AND CLINICAL STUDIES OF PRETERM PARTURITION CREASY, ROBERT K CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	461,653
P01 HD13912-03	FETAL LUNG MATURATION: PREVENTION OF RDS JOHNSTON, JOHN M TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	320,374
P01 HD13949-03	DYNAMICS AND CONTROL OF FETAL OXYGENATION LONGO, LAWRENCE D LOMA LINDA U LOMA LINDA, CALIF	428,560
P01 HD15051-03	RESEARCH PROGRAM ON RETARDED INTELLECTUAL DEVELOPMENT BAUMEISTER, ALFRED A VANDERBILT U NASHVILLE, TENN	401,371
P01 HD16596-01	METABOLIC & DEVELOPMENTAL ASPECTS OF MENTAL RETARDATION TILDON, J TYSON MARYLAND, U OF BALTIMORE, MD	421,688
P30 HD01799-18	SUPPORT FOR MENTAL RETARDATION RESEARCH CENTER PURPURA, DOMINICK P YESHIVA U NEW YORK, N Y	1,006,046
P30 HD02274-17	RESEARCH IN MENTAL RETARDATION AND CHILD DEVELOPMENT EMANUEL, IRVIN WASHINGTON, U OF SEATTLE, WASH	788,210
P30 HD02528-16	PROGRAM FOR A RESEARCH CENTER IN MENTAL RETARDATION SCHIEFELBUSCH, RICHARD L KANSAS, U OF AT LAWRENCE LAWRENCE, KANS	564,346
P30 HD03110-16	CHILD DEVELOPMENT AND MENTAL RETARDATION FORDHAM, CHRISTOPHER C, III NORTH CAROLINA, U OF CHAPEL HILL, N C	546,690

P30 HD03352-15	WISCONSIN CENTER ON MENTAL RETARDATION - CORE SUPPORT DOLAN, TERRENCE R WISCONSIN, U OF MADISON, WIS	595,066
P30 HD04024-13S1	CENTER GRANT FOR RESEARCH IN MENTAL RETARDATION O'BRIEN, DONOUGH COLORADO MEDICAL CTR, U OF DENVER, COLO	39,996
P30 HD04024-14	CENTER GRANT FOR RESEARCH IN MENTAL RETARDATION O'BRIEN, DONOUGH COLORADO MEDICAL CTR, U OF DENVER, COLO	252,293
P30 HD04147-14	RESEARCH IN MENTAL RETARDATION ADAMS, RAYMOND D E K SHRIVER CTR FOR M R INC WALTHAM, MASS	527,099
P30 HD04583-14	CORE GRANT FOR MENTAL RETARDATION RESEARCH CENTER DAWSON, GLYN CHICAGO, U OF CHICAGO, ILL	425,881
P30 HD04612-14	MENTAL RETARDATION RESEARCH CENTER, UCLA BUCHWALD, NATHANIEL A CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	647,032
P30 HD06276-11	MENTAL RETARDATION RESEARCH PROGRAM - IMPLEMENTATION BARLOW, CHARLES F CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	622,292
P30 HD15052-03	CENTER FOR RESEARCH IN MR AND HUMAN DEVELOPMENT HAYWOOD, H CARL VANDERBILT U NASHVILLE, TENN	533,694
P50 HD10982-05	BIOLOGICAL & PSYCHOLOGICAL ASPECTS OF SIDS STEINSCHNEIDER, ALFRED MARYLAND, U OF BALTIMORE, MD	868,374
P50 HD11021-05	DIABETES IN PREGNANCY FREINKEL, NORBERT NORTHWESTERN U CHICAGO, ILL	691,643

P50 HD11089-05	DISORDERED FETAL METABOLISM: ANTENATAL INTERVENTION ROSEN, MORTIMER G CASE WESTERN RESERVE U CLEVELAND, OHIO	610,775
P50 HD11149-05	INITIATION OF HUMAN LABOR: PREVENTION OF PREMATURITY MACDONALD, PAUL C TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	557,491
P50 HD11327-05	PHYSIOLOGIC AND DEVELOPMENTAL MECHANISMS IN DIABETES GREENBERG, ROBERT E NEW MEXICO, U OF AT ALBUQUERQUE ALBUQUERQUE, N MEX	421,614
P50 HD11343-05	DIABETIC PREGNANCY: EFFECTS ON MOTHER & HER OFFSPRING GALLETTI, PIERRE M BROWN U PROVIDENCE, R I	687,638
P50 HD13063-03	FETAL HYPOXIA, MATERNAL SMOKING AND NEWBORN OUTCOME JAMES, L STANLEY COLUMBIA U NEW YORK, N Y	830,200
P50 HD17001-01	BIOLOGY OF DOWN SYNDROME EPSTEIN, CHARLES J CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	467,432
R01 HD00072-19	ANDROGEN METABOLISM IN CHILDHOOD NEW, MARIA I CORNELL U MED CTR NEW YORK, N Y	159,929
R01 HD00143-23	ROLE OF EXTRACELLULAR MATRIX IN MORPHOGENESIS HAY, ELIZABETH D HARVARD U BOSTON, MASS	178,151
R01 HD00254-22	ANALYSES & THERAPY OF NEONATAL BLOOD DISORDERS BERNSTEIN, SELDON E JACKSON LAB BAR HARBOR, MAINE	74,352
R01 HD00325-26	LONGITUDINAL AND RELATED PSYCHOHORMONAL STUDIES MONEY, JOHN JOHNS HOPKINS U BALTIMORE, MD	226,479

R01 HD00378-23	BIOELECTRIC PROPERTIES OF UTERINE MUSCLE KAO, CHIEN-YUAN NEW YORK, STATE U OF NEW YORK, N Y	72,625
R01 HD00412-25	FETAL ENDOCRINOLOGY AND DIABETES HEGRE, ORION D MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	80,636
R01 HD00486-27	STUDIES IN HUMAN GENETICS CHILDS, BARTON JOHNS HOPKINS U BALTIMORE, MD	194,477
R01 HD00700-19	EPIDERMAL GROWTH FACTOR COHEN, STANLEY VANDERBILT U NASHVILLE, TENN	159,090
R01 HD00827-19	THE EFFECT OF RNA AND DNA ON CEPHALIC TERATA HILLMAN, NINA W TEMPLE U PHILADELPHIA, PA	134,978
R01 HD00836-19	LAB. FOR THE STUDY OF HUMAN EMBRYOLOGY AND PATHOLOGY SHEPARD, THOMAS H WASHINGTON, U OF SEATTLE, WASH	65,691
R01 HD00878-21	SENSORY AND PERCEPTUAL DETERMINANTS OF IMPRINTING GOTTLIEB, GILBERT NORTH CAROLINA STATE DEPT MENT HLTH RALEIGH, N C	60,883
R01 HD01107-18	SOCIAL AND EXPLORATORY BEHAVIOR OF THE INFANT RHEINGOLD, HARRIET L NORTH CAROLINA, U OF CHAPEL HILL, N C	47,535
R01 HD01229-31	STRUCTURE AND EXPRESSION OF COLLAGEN GENES DOTY, PAUL M HARVARD U CAMBRIDGE, MASS	186,396
R01 HD01233-27	SITES & REACTANTS IN AMINO ACID TRANSPORT CHRISTENSEN, HALVOR N MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	144,453

R01 HD01236-27	AMPHIBIAN DEVELOPMENT; THYROID INDUCED METAMORPHOSIS FRIEDEN, EARL FLORIDA STATE U TALLAHASSEE, FLA	110,479
R01 HD01253-2351	THE CELL SURFACE IN CELL RECOGNITION AND DIFFERENTIATION MOSCONA, ARON A CHICAGO, U OF CHICAGO, ILL	55,264
R01 HD01269-1951	CONTROL OF METABOLISM IN TETRAHYMENA BLUM, JACOB J DUKE U DURHAM, N C	29,576
R01 HD01269-20	CONTROL OF METABOLISM IN TETRAHYMENA & HEPATOCYTES BLUM, JACOB J DUKE U DURHAM, N C	153,230
R01 HD01287-20	FETAL-MATERNAL IMMUNOLOGICAL INTERACTIONS HERZENBERG, LEONARD A STANFORD U STANFORD, CALIF	151,463
R01 HD01490-15	SHORT-TIME AND ORIENTING SYSTEMS IN INFANCY GRAHAM, FRANCES K WISCONSIN, U OF MADISON, WIS	55,733
R01 HD01646-23	GENE CONTROL OF MAMMALIAN DEVELOPMENT AND DISEASE MINTZ, BEATRICE INST FOR CANCER RESEARCH PHILADELPHIA, PA	351,675
R01 HD01743-18	NUTRITIONAL FACTORS IN MAMMALIAN DEVELOPMENT HURLEY, LUCILLE S CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	123,277
R01 HD01866-17	PHYSIOLOGICAL STUDY OF THE PLACENTA MESCHIA, GIACOMO COLORADO MEDICAL CTR, U OF DENVER, COLO	192,226
R01 HD02335-17	HORMONAL EFFECTS ON GROWTH AND MATURATION GRUMBACH, MELVIN M CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	268,093

R01 HD02335-17S1	HORMONAL EFFECTS ON GROWTH AND MATURATION GRUMBACH, MELVIN M CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	102,290
R01 HD02355-16S1	GENETIC-NUTRITIONAL INTERACTIONS IN DEVELOPMENT HURLEY, LUCILLE S CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	10,006
R01 HD02798-15	STUDIES OF PRIMATE UTERINE PHYSIOLOGY HARBERT, GUY M, JR VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	96,471
R01 HD02871-16	PHOSPHOLIPID METABOLISM DURING LUNG DEVELOPMENT WEINHOLD, PAUL A MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	63,597
R01 HD03148-15	DEVELOPMENTAL ASPECTS OF HEPATOBILIARY METABOLISM THALER, M MICHAEL CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	148,749
R01 HD03316-14	MOLECULAR CONTROLS IN MUSCLE DIFFERENTIATION HEYWOOD, STUART M CONNECTICUT, U OF AT STORRS STORRS, CONN	129,435
R01 HD03807-14	FETAL OXYGENATION AND PLACENTAL GAS EXCHANGE LONGO, LAWRENCE D LOMA LINDA U LOMA LINDA, CALIF	153,143
R01 HD03867-13	COMPARATIVE STUDIES IN PERINATAL TOXICOLOGY YEARY, ROGER A OHIO STATE U COLUMBUS, OHIO	94,348
R01 HD03939-14	STUDY OF FETO-PLACENTAL-MATERNAL INTERACTION STITES, DANIEL P CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	112,887
R01 HD04007-13	SYNTHESIS OF MITOCHONDRIAL PROTEIN BEATTIE, DIANA S NEW YORK, CITY U OF NEW YORK, N Y	94,216

R01 HD04134-15	CYTOLOGICAL STUDIES IN HUMAN GENETICS GERMAN, JAMES L, III COMMUNITY BLOOD COUNCIL GREATER N Y NEW YORK, N Y	94,324
R01 HD04248-14	FUNCTION OF ELECTRICAL COUPLING IN EMBRYONIC TISSUES BENNETT, MICHAEL V YESHIVA U NEW YORK, N Y	95,004
R01 HD04270-14	THYROID FUNCTION IN THE FETUS AND NEWBORN FISHER, DELBERT A LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	214,297
R01 HD04343-10	DIALECTS, DISPERSAL AND MATING PATTERNS PETRINOVICH, LEWIS F CALIFORNIA, U OF AT RIVERSIDE RIVERSIDE, CALIF	21,412
R01 HD04354-28	HORMONAL CONTROL OF CELL GROWTH AND DIFFERENTIATION SZEGO, CLARA M CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	145,206
R01 HD04358-23	NEURAL AND HORMONAL REGULATION OF LACTATION GROSVENOR, CLARK E TENNESSEE, U OF MEMPHIS, TENN	108,743
R01 HD04365-21	FORMATION, METABOLISM AND ROLE OF HORMONES IN PREGNANCY SOLOMON, SAMUEL MC GILL U MONTREAL, CANADA	96,666
R01 HD04367-21	GENE EXPRESSION IN EMBRYOGENESIS NEMER, MARTIN J INST FOR CANCER RESEARCH PHILADELPHIA, PA	126,985
R01 HD04445-13	PERINATAL DETOXIFICATION MECHANISMS JOHNSON, ERIC F SCRIPPS CLINIC & RESEARCH FDN LA JOLLA, CALIF	178,783
R01 HD04488-18	THE FUNCTION AND SYSTEMATIC ROLE OF NATURAL PRODUCTS MABRY, TOM J TEXAS, U OF AUSTIN, TEX	59,358

R01 HD04526-13	INBORN ERRORS OF METABOLISM DANCIS, JOSEPH NEW YORK U NEW YORK, N Y	60,859
R01 HD04608-14	AMINO ACID INTERRELATIONS IN HUMAN METABOLIC DISEASE SWEETMAN, LAWRENCE CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	133,778
R01 HD04708-12	MECHANISMS OF ORGAN DEVELOPMENT WESSELLS, NORMAN K STANFORD U STANFORD, CALIF	119,432
R01 HD04817-13	NERVE-MUSCLE INTERACTIONS IN DEVELOPMENT DRACHMAN, DANIEL B JOHNS HOPKINS U BALTIMORE, MD	155,479
R01 HD04839-12	METABOLISM OF DRUG SUBSTRATES BY HUMAN PLACENTA JUCHAU, MONT R WASHINGTON, U OF SEATTLE, WASH	69,253
R01 HD04861-13	THE GENETICS OF GALACTOSE ENZYME DETERMINANTS IN MAN HARRIS, HARRY PENNSYLVANIA, U OF PHILADELPHIA, PA	185,398
R01 HD04945-12	HUMAN DEVELOPMENT AND ESTROGEN BIOSYNTHESIS OSAWA, YOSHIO MEDICAL FDN OF BUFFALO BUFFALO, N Y	268,218
R01 HD05196-12	AN APPROACH TO HUMAN DEVELOPMENT WITH CELL HYBRIDS SHOWS, THOMAS B NEW YORK STATE DEPT OF HEALTH BUFFALO, N Y	112,363
R01 HD05291-10	COLLAGENASE ACTIVITY (HORMONAL REGULATION) IN THE UTERUS JEFFREY, JOHN J WASHINGTON U ST LOUIS, MO	176,010
R01 HD05331-13	DEVELOPMENTAL STUDIES OF SPEECH PERCEPTION EIMAS, PETER D BROWN U PROVIDENCE, R I	95,693

R01 HD05465-12	GENETIC STUDIES OF HUMAN SOMATIC CELLS MIGEON, BARBARA R JOHNS HOPKINS U BALTIMORE, MD	312,867
R01 HD05505-10	DEVELOPMENT OF CARTILAGE TISSUE SOLURSH, MICHAEL IOWA, U OF IOWA CITY, IOWA	93,541
R01 HD05506-11	HORMONAL REGULATION OF GROWTH AND DIFFERENTIATION LOEB, JOHN N COLUMBIA U NEW YORK, N Y	135,435
R01 HD05572-11	THE KIDNEY AND VOLUME REGULATION IN PREGNANCY LINDHEIMER, MARSHALL D CHICAGO, U OF CHICAGO, ILL	131,643
R01 HD05740-11	CONTROL OF FETAL AND NEONATAL GLUCOSE METABOLISM PATEL, MULCHAND S CASE WESTERN RESERVE U CLEVELAND, OHIO	113,329
R01 HD06082-12	GENETIC ANALYSIS OF BASIC DEVELOPMENTAL MECHANISMS BRYANT, PETER J CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	119,368
R01 HD06159-10	ENDOCRINE AND VASCULAR RELATIONSHIPS IN PARTURITION NOVY, MILES J MEDICAL RESEARCH FDN OF OREGON PORTLAND, OREG	206,292
R01 HD06308-11	FREE PLASMA SEX HORMONE AND ANDROGEN ACTION ROSENFIELD, ROBERT L CHICAGO, U OF CHICAGO, ILL	306,696
R01 HD06331-11	GENETIC CONTROL OF DEVELOPMENTAL PATHWAYS LEWIS, EDWARD B CALIFORNIA INST OF TECHNOLOGY PASADENA, CALIF	126,931
R01 HD06335-09	VASOPRESSIN PHYSIOLOGY IN THE FETUS AND NEWBORN FISHER, DELBERT A LOS ANGELES COUNTY HLTH SER DEPT LOS ANGELES, CALIF	149,361

R01 HD06356-11	FOLATE METABOLISM AND MENTAL RETARDATION ERBE, RICHARD W MASSACHUSETTS GENERAL HOSP BOSTON, MASS	130,711
R01 HD06367-10S1	PSYCHOSOCIAL DEVELOPMENT MASON, WILLIAM A CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	1,398
R01 HD06380-10	CATECHOLS AND PROSTAGLANDINS-UTERINE VASCULAR FUNCTION VAN ORDEN, DIANNA E IOWA, U OF IOWA CITY, IOWA	146,647
R01 HD06426-11	GLYCOSPHINGOLIPID METABOLISM AND MENTAL RETARDATION DAWSON, GLYN CHICAGO, U OF CHICAGO, ILL	110,000
R01 HD06441-11	FATTY ACID OXIDATION IN DEVELOPING LIVER & KIDNEY TOLBERT, N EDWARD MICHIGAN STATE U EAST LANSING, MICH	107,939
R01 HD06571-11	HORMONAL CONTROL OF METABOLISM IN THE MAMMARY GLAND RILLEMA, JAMES A WAYNE STATE U DETROIT, MICH	85,008
R01 HD06574-12	DEVELOPMENTAL REGULATION OF MACROMOLECULAR SYNTHESIS HUMPHREYS, TOM D HAWAII, U OF HONOLULU, HAWAII	65,632
R01 HD06633-10	THE RADIOIMMUNOASSAY OF RELAXIN AND ITS APPLICATIONS BRYANT-GREENWOOD, GILLIAN D HAWAII, U OF HONOLULU, HAWAII	86,565
R01 HD06712-10	REGULATION OF ENZYME LEVELS IN BRAIN KOZAK, LESLIE P JACKSON LAB BAR HARBOR, MAINE	119,550
R01 HD06763-11	EXTRACELLULAR MATERIALS AND EMBRYONIC ORGAN FORMATION BERNFIELD, MERTON R STANFORD U STANFORD, CALIF	226,133

R01 HD06770-10	DEVELOPMENT OF A BEHAVIORAL PHENOTYPE KOVACH, JOSEPH K MENNINGER FDN TOPEKA, KANS	110,982
R01 HD06773-11	TISSUE COLLAGENASE AND ITS CONTROL BY STEROIDS WOESSNER, J FREDERICK, JR MIAMI, U OF MIAMI, FLA	117,059
R01 HD06843-06	BIOCHEMICAL & BEHAVIORAL CHANGES IN PKU LOO, YEN H INST FOR BASIC RES- MTL RETARDATION NEW YORK, N Y	93,139
R01 HD06864-10A1	STRATEGIES FOR STUDYING PROSE PASSAGES BROWN, ANN L ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	64,806
R01 HD06872-11	CHEMICAL CONTROL OF MATERNAL BEHAVIOR MOLTZ, HOWARD CHICAGO, U OF CHICAGO, ILL	84,379
R01 HD06914-09	CHILDREN'S ALTRUISTIC BEHAVIOR AND BELIEFS GELFAND, DONNA M UTAH, U OF SALT LAKE CITY, UTAH	63,284
R01 HD06963-17	PROPERTIES OF SMOOTH MUSCLE MARSHALL, JEAN M BROWN U PROVIDENCE, R I	103,520
R01 HD07074-09	MECHANISMS CONTROLLING GROWTH RATE MOSIER, H DAVID, JR CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	97,256
R01 HD07083-10	CONTROL OF PROLIFERATION DURING MUSCLE DEVELOPMENT KONIGSBERG, IRWIN R VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	151,977
R01 HD07193-09	MECHANISMS OF CYTOKINESIS IN ANIMAL CELLS CONRAD, GARY W KANSAS STATE U OF AGR & APPLIED SCI MANHATTAN, KANS	83,378

R01 HD07403-09	EFFECTS OF TONSIL-ADENOID SURGERY ON THROAT INFECTION PARADISE, JACK L CHILDRENS HOSP OF PITTSBURGH PITTSBURGH, PA	353,440
R01 HD07406-09	CHEMOTHERAPY AND MODELS OF HERITABLE SPHINGOLIPIDOSES RADIN, NORMAN S MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	58,021
R01 HD07447-08	THE PHYSIOLOGY OF PLACENTAL LACTOGEN HANDWERGER, STUART DUKE U DURHAM, N C	177,321
R01 HD07464-09	REGULATION OF FATTY ACID SYNTHESIS DURING DEVELOPMENT VOLPE, JOSEPH J WASHINGTON U ST LOUIS, MO	162,918
R01 HD07562-09	PLACENTAL MECHANISMS OF AMINO ACID TRANSFER SMITH, CARL H WASHINGTON U ST LOUIS, MO	168,162
R01 HD07752-09	CELL MEMBRANE RECEPTORS FOR MATERNOFETAL TRANSFER OF IGG SCHLAMOWITZ, MAX TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	72,231
R01 HD07788-08	GLYCOGEN SYNTHETASE IN DEVELOPING LIVER GOLD, ALVIN H ST LOUIS U ST LOUIS, MO	66,011
R01 HD07796-10	CONTROL OF MUSCLE PROTEIN SYNTHESIS DURING MYOGENESIS EMERSON, CHARLES P, JR VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	154,493
R01 HD07843-09	PLACENTAL PITUITARY PROTEIN & POLYPEPTIDE HORMONES FRIESEN, HENRY G MANITOBA, U OF WINNEPEG, CANADA	85,767
R01 HD07879-09	RESEARCH IN POPULATION CYTOGENETICS JACOBS, PATRICIA A HAWAII, U OF HONOLULU, HAWAII	359,312

R01 HD07901-15	COMPARATIVE AND DEVELOPMENTAL IMMUNOBIOLOGY COHEN, NICHOLAS ROCHESTER, U OF ROCHESTER, N Y	134,661
R01 HD07951-09	BIOCHEMISTRY OF DEVELOPMENT AND REGULATION WYATT, GERARD R QUEENS U AT KINGSTON KINGSTON, CANADA	56,530
R01 HD07983-09	ULTRASTRUCTURAL STUDIES ON DROSOPHILA DEVELOPMENT MAHOWALD, ANTHONY P INDIANA U BLOOMINGTON, IND	79,874
R01 HD08057-19	PROTEOCHONDROITIN SULFATE METABOLISM IN CHONDROCYTES CONRAD, H EDWARD ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	129,870
R01 HD08086-09	REGULATION OF MULTIPOTENT STEM CELL DIFFERENTIATION BODE, HANS R CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	100,817
R01 HD08286-07A1	GENETIC CONTROL OF CELL DIFFERENTIATION DONADY, JOHN J WESLEYAN U MIDDLETOWN, CONN	106,471
R01 HD08299-08S1	THE HORMONAL CONTROL OF FETAL GROWTH UNDERWOOD, LOUIS E NORTH CAROLINA, U OF CHAPEL HILL, N C	21,052
R01 HD08299-09	THE HORMONAL CONTROL OF FETAL GROWTH UNDERWOOD, LOUIS E NORTH CAROLINA, U OF CHAPEL HILL, N C	94,386
R01 HD08388-08	BRANCHED-CHAIN ALPHA KETOACID METABOLISM DANNER, DEAN J EMORY U ATLANTA, GA	83,855
R01 HD08406-08	MECHANISMS OF OXYTOCIN ACTION SOLOFF, MELVYN S MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	108,527

R01 HD08431-09	BIOCHEMICAL GENETICS OF OVARIAN & TESTICULAR TERATOMAS KOZAK, LESLIE P JACKSON LAB BAR HARBOR, MAINE	114,798
R01 HD08485-08	MUTATIONAL STUDY OF CILIATE DEVELOPMENT FRANKEL, JOSEPH IOWA, U OF IOWA CITY, IOWA	76,538
R01 HD08495-07	PROCESSES BASIC TO READING IN SERBO-CROATIAN LUKATELA, GEORGIJE L BELGRADE, U OF BELGRADE, YUGOSLAVIA	46,224
R01 HD08552-07A1	ROLE OF RELAXIN IN GESTATION AND PARTURITION LARKIN, LYNN H FLORIDA, U OF GAINESVILLE, FLA	76,922
R01 HD08568-07S1	KETONES FOR BRAIN LIPIDS IN DEVELOPING RATS YEH, YU-YAN ST JUDE CHILDRENS RESEARCH HOSP MEMPHIS, TENN	7,117
R01 HD08585-08	FACTORS AFFECTING SEXUAL MATURATION IN MAMMALS DRICKAMER, LEE C WILLIAMS COLL WILLIAMSTOWN, MASS	29,046
R01 HD08662-08	MATERNAL-FETAL INTERACTIONS AND THE IMMUNE RESPONSE GILL, THOMAS J, III PITTSBURGH, U OF PITTSBURGH, PA	136,611
R01 HD08693-09	INFECTION ENHANCEMENT--AN EXPERIMENTAL MODEL OF SIDS HALSTEAD, SCOTT B HAWAII, U OF HONOLULU, HAWAII	115,322
R01 HD08700-08	RELAXIN: BIOCHEMICAL & PHYSIOLOGICAL STUDIES SHERWOOD, ORRIN D ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	82,494
R01 HD08783-09	STUDIES OF UTERO-PLACENTAL CIRCULATION ROSENFELD, CHARLES R TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	144,876

R01 HD08792-08	CARBOHYDRATE AND LIPID METABOLISM DURING DEVELOPMENT ARINZE, IFEANYI J MEHARRY MEDICAL COLLEGE NASHVILLE, TENN	87,970
R01 HD08886-09	INVESTIGATIONS OF COMBINED IMMUNODEFICIENCY IN FOALS PERRYMAN, LANCE E WASHINGTON STATE U PULLMAN, WASH	160,738
R01 HD09020-08	MECHANISMS OF THYROID HORMONE ACTION IN DEVELOPMENT GALTON, VALERIE A DARTMOUTH COLL HANOVER, N H	89,451
R01 HD09035-06	ROLE OF CYCLIC AMP IN MAMMARY GLAND LACTOSE SYNTHESIS LOIZZI, ROBERT F ILLINOIS, U OF CHICAGO, ILL	53,305
R01 HD09046-08	MEMBRANE GLYCOPROTEIN CHANGES DURING DIFFERENTIATION LUCAS, JOHN J NEW YORK, STATE U OF SYRACUSE, N Y	91,157
R01 HD09174-08	MOLECULAR BASIS OF NORMAL & MUTANT LIMB DEVELOPMENT GOETINCK, PAUL F CONNECTICUT, U OF AT STORRS STORRS, CONN	151,593
R01 HD09179-08	DEVELOPMENT OF VISUAL FORM RECOGNITION IN CHILDREN CAREY, SUSAN E MASSACHUSETTS INST OF TECHNOLOGY CAMBRIDGE, MASS	81,148
R01 HD09195-08	VITAMIN A IN GROWTH AND DEVELOPMENT FRANK CHYTIL VANDERBILT U NASHVILLE, TENN CAMBRIDGE, MASS	144,358
R01 HD09197-08	DEVELOPMENTAL STUDIES OF SPEECH PRODUCTION LIEBERMAN, PHILIP BROWN U PROVIDENCE, R I	96,301
R01 HD09274-08	NORMAL & ABNORMAL STRUCTURE, HUMAN CEREBRAL CORTEX MARIN-PADILLA, MIGUEL DARTMOUTH COLL HANOVER, N H	79,241

R01 HD09333-07	DEVELOPMENT OF IMMUNO-CYTOTOXICITY COOPER, EDWIN L CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	85,373
R01 HD09421-07S1	MALE PSEUDOHERMAPHRODITISM PETERSON, RALPH E CORNELL U MED CTR NEW YORK, N Y	47,643
R01 HD09513-06	PROCESSING OF ORIENTATION INFORMATION BY CHILDREN BRAINE, LILA G BARNARD COLLEGE NEW YORK, N Y	60,610
R01 HD09543-07	STUDY OF DIET DISCONTINUATION IN PKU CHILDREN KOCH, RICHARD CHILDRENS HOSP OF LOS ANGELES LOS ANGELES, CALIF	163,899
R01 HD09547-07A1	HOMOLOGOUS PHYSIOLOGICAL SYSTEMS IN HUMAN DEVELOPMENT BARKER, WINONA C NATIONAL BIOMEDICAL RESEARCH FDN WASHINGTON, D C	86,152
R01 HD09613-07	MOTIVATION, COMPETENCE, AND CONTROL IN CHILDREN HARTER, SUSAN DENVER, U OF DENVER, COLO	88,806
R01 HD09618-06	UTERINE RELAXING FACTORS: MOLECULAR ASPECTS OF ACTION SANBORN, BARBARA M TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	105,096
R01 HD09635-08	CELL-CELL ADHESION AMONG EMBRYONIC CELLS EDELMAN, GERALD M ROCKEFELLER U NEW YORK, N Y	209,525
R01 HD09713-07	DRUGS AND DEVELOPMENT OF ADRENERGIC NERVOUS SYSTEM SLOTKIN, THEODORE A DUKE U DURHAM, N C	100,752
R01 HD09732-07	DIPLOCOCCUS PNEUMONIAE: INFECTION AND IMMUNITY DILLON, HUGH C, JR ALABAMA, U OF BIRMINGHAM, ALA	69,410

R01 HD09800-08	CELLULAR IMMUNITY IN SICK AND MALNOURISHED INFANTS STIEHM, E RICHARD CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	147,215
R01 HD09880-06	IMMUNOLOGICAL ASPECTS OF PREGNANCY IN HUMANS GILL, THOMAS J, III PITTSBURGH, U OF PITTSBURGH, PA	92,879
R01 HD09948-07	STEPS CONTROLLING GENE EXPRESSION IN DROSOPHILA LENGYEL, JUDITH A CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	164,190
R01 HD09998-06	CLINICAL CORRELATIONS TO VITAMIN D STATUS IN INFANTS HILLMAN, LAURA S WASHINGTON U ST LOUIS, MO	99,275
R01 HD10029-06	ADAPTATIONS OF THE FETAL CARDIOVASCULAR SYSTEM GILBERT, RAYMOND D LOMA LINDA U LOMA LINDA, CALIF	110,322
R01 HD10032-07	SEX CHROMOSOMAL ABNORMALITIES: A PROSPECTIVE STUDY ROBINSON, ARTHUR NATIONAL JEWISH HOSP AT DENVER DENVER, COLO	147,242
R01 HD10192-07	EFFECT OF HORMONES ON LUNG PHOSPHOLIPID BIOSYNTHESIS ROONEY, SEAMUS A YALE U NEW HAVEN, CONN	239,015
R01 HD10213-05	RED CELL METABOLIC ALTERATIONS IN POSTNATAL LIFE TRAVIS, SUSAN F THOMAS JEFFERSON U PHILADELPHIA, PA	85,628
R01 HD10314-07	LUNG DEVELOPMENT AND DIFFERENTIATION IN ORGAN CULTURE FUNKHOUSER, JANE D SOUTH ALABAMA, U OF MOBILE, ALA	93,262
R01 HD10333-06A1	DETERMINANTS OF BEHAVIORAL DEVELOPMENT IN CHILDREN DE FRIES, JOHN C COLORADO, U OF AT BOULDER BOULDER, COLO	192,055

R01 HD10381-05	DEVELOPMENT OF PARTHENOGENETIC ACTIVATED MOUSE EGGS HOPPE, PETER C JACKSON LAB BAR HARBOR, MAINE	104,295
R01 HD10486-06	INFANT MEMORY PROCESSES OLSON, GARY M MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	83,620
R01 HD10511-08S1	PSYCHOPHYSICS OF THE STARTLE REACTION HOFFMAN, HOWARD S BRYN MAWR COLL BRYN MAWR, PA	41,537
R01 HD10511-09	PSYCHOPHYSICS OF THE STARTLE REACTION HOFFMAN, HOWARD S BRYN MAWR COLL BRYN MAWR, PA	83,476
R01 HD10540-06	ENDOCRINE FUNCTION AND STRUCTURE OF RELAXIN SCHWABE, CHRISTIAN SOUTH CAROLINA, MEDICAL U OF CHARLESTON, S C	92,435
R01 HD10580-05	ANALYSIS OF SURFACE MEMBRANES OF DEVELOPING MUSCLE CELLS KENT, CLAUDIA M PURDUE U AT WEST LAFAYETTE WEST LAFAYETTE, IND	60,934
R01 HD10586-06	DIETARY ZINC: ITS EFFECT ON THE IMMUNE RESPONSE FRAKER, PAMELA J MICHIGAN STATE U EAST LANSING, MICH	72,411
R01 HD10588-06	DETERMINANTS OF REINFORCEMENT OF FEEDING BEHAVIOR COLLIER, GEORGE H RUTGERS, THE STATE U NEW BRUNSWICK, N J	87,130
R01 HD10609-07	EXPERIMENTAL MODELS FOR CYTOMEGALOVIRUS INFECTIONS HSIUNG, GUEH-DJEN YALE U NEW HAVEN, CONN	108,844
R01 HD10616-06	13C NMR STUDIES OF PEPTIDE-MACROMOLECULAR INTERACTION BLUMENSTEIN, MICHAEL TUFTS U BOSTON, MASS	50,650

R01 HD10667-06	STABLE ISOTOPE STUDIES OF FUEL TRANSPORT BIER, DENNIS M WASHINGTON U ST LOUIS, MO	142,217
R01 HD10723-06	THE CONTROL OF ENZYME EXPRESSION IN DEVELOPMENT DICKINSON, WILLIAM J UTAH, U OF SALT LAKE CITY, UTAH	88,110
R01 HD10804-06	ELECTROPHYSIOLOGICAL CORRELATES OF COGNITIVE PROCESSES RITTER, WALTER P YESHIVA U NEW YORK, N Y	111,410
R01 HD10818-06	STEROID RECEPTOR MECHANISMS IN DEVELOPING MOUSE BRAIN FOX, THOMAS O CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	183,005
R01 HD10823-05	PERINATAL FAT DIGESTION, ROLE OF ORO-PHARYNGEAL LIPASE HAMOSH, MARGIT GEORGETOWN U WASHINGTON, D C	102,094
R01 HD10847-04	PREVENTIVE CONTROL OF THE LESCH-NYHAN SYNDROME SEEGMILLER, JARVIS E CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	113,260
R01 HD10898-06	CONTRACTILE MECHANISMS OF REPRODUCTIVE SMOOTH MUSCLE MEISS, RICHARD A INDIANA U INDIANAPOLIS, IND	19,733
R01 HD10935-05	MECHANISMS UNDERLYING EXPERIMENTAL TERATOGENESIS KOCHHAR, DEVENDRA M THOMAS JEFFERSON U PHILADELPHIA, PA	137,893
R01 HD10949-05	VITAMIN E & PREVENTION OF PULMONARY OXYGEN TOXICITY WARSHAW, JOSEPH B YALE U NEW HAVEN, CONN	121,385
R01 HD10962-06	PARENTS AS TEACHERS: FURTHER STUDIES BAKER, BRUCE L CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	137,526

R01 HD10969-05	THE EMERGENCE OF LINGUISTIC INTUITIONS IN CHILDREN COHEN, LESLIE B TEXAS, U OF AUSTIN, TEX	58,557
R01 HD10993-06	CONTROL OF BREATHING IN RECOVERY FROM APNEA THACH, BRADLEY T WASHINGTON U ST LOUIS, MO	101,081
R01 HD11109-05	FETAL NUTRIENT THERAPY: EFFECTS ON GROWTH RETARDATION CHARLTON, VALERIE E CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	118,649
R01 HD11119-05	REGULATION OF LUTEAL FUNCTION IN PREGNANT RAT GIBORI, GEULA ILLINOIS, U OF CHICAGO, ILL	92,565
R01 HD11134-06	UREA CYCLE ENZYMOPATHIES: GENETICS, METABOLISM & THERAPY BRUSILOW, SAUL W JOHNS HOPKINS U BALTIMORE, MD	165,140
R01 HD11179-06	DEVELOPMENTAL ANALYSIS OF HEMATOPOIESIS TURPEN, JAMES B PENNSYLVANIA STATE U UNIVERSITY PARK, PA	51,738
R01 HD11210-04	PRENATAL AND NEONATAL PITUITARY ADRENAL FUNCTION ROSE, JAMES C WAKE FOREST U WINSTON-SALEM, N C	118,017
R01 HD11239-06	DEVELOPMENTAL GENETICS OF THE C ELEGANS DAUER LARVA RIDDLE, DONALD L MISSOURI, U OF COLUMBIA, MO	65,123
R01 HD11251-06	CONTROL OF FETAL BREATHING MOVEMENTS BISSONNETTE, JOHN M OREGON, U OF HEALTH SCIENCE CTR PORTLAND, OREG	97,740
R01 HD11273-05S1	VITAMIN A METABOLISM IN PREGNANT AND PERINATAL LIFE DONOGHUE, SUSAN PENNSYLVANIA, U OF PHILADELPHIA, PA	8,745

R01 HD11298-05	HUMAN ARGINASE AND ARGINASE DEFICIENCY CEDERBAUM, STEPHEN D CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	79,409
R01 HD11303-04A1	DEVELOPMENTAL ASPECTS OF NERVE GROWTH FACTOR WEICHSEL, MORTON E, JR LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	80,765
R01 HD11337-05	MATERNAL NUTRITIONAL REGULATION OF FETAL GROWTH FRANK H JR MORRISS TEXAS, U OF HLTH SCIENCE CTR HOUSTO TORRANCE, CALIF	108,177
R01 HD11355-05	HYPOTHALAMIC CONTROL OF PUBERTY TERASAWA, EI WISCONSIN, U OF MADISON, WIS	67,277
R01 HD11357-04	PREGNANCY COMPLICATIONS AFTER INDUCED ABORTION BRACKEN, MICHAEL YALE U NEW HAVEN, CONN	29,979
R01 HD11392-04	GENE ACTIVITY IN BRAIN AND CELLS OF NEURAL ORIGIN KAPLAN, BARRY B CORNELL U MED CTR NEW YORK, N Y	110,246
R01 HD11466-06	MATURATION OF THE FETAL KIDNEY ROBILLARD, JEAN E IOWA, U OF IOWA CITY, IOWA	109,837
R01 HD11487-05	REGULATION OF HORMONE SYNTHESIS & SECRETION DANNIES, PRISCILLA S YALE U NEW HAVEN, CONN	67,931
R01 HD11496-04A1	STUDIES ON METABOLISM DURING DEVELOPMENT EDMOND, JOHN CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	91,120
R01 HD11519-04	CELLULAR ASPECTS OF MATERNAL-FETAL IGG TRANSPORT ROTH, THOMAS F MARYLAND, U OF CATONSVILLE, MD	195,084

R01 HD11576-05	PERINATAL IMMUNITY TO GRP B BETA HEMOLYTIC STREPTOCOCCI GOTOFF, SAMUEL P MICHAEL REESE HOSP AND MEDICAL CTR CHICAGO, ILL	113,525
R01 HD11596-05	HUMAN PLACENTAL CHORIONIC GONADOTROPIN BIOSYNTHESIS ILAN, JUDITH CASE WESTERN RESERVE U CLEVELAND, OHIO	107,719
R01 HD11601-03	FILAMENTOUS PROTEINS IN MILK SYNTHESIS AND SECRETION LOIZZI, ROBERT F ILLINOIS, U OF CHICAGO, ILL	56,431
R01 HD11624-05	CYTOGENETIC STUDIES IN MENTAL RETARDATION BREG, W ROY YALE U NEW HAVEN, CONN	94,482
R01 HD11633-05	ANDROGEN METABOLISM AND SEBUM COMPOSITION DURING PUBERTY SANSOME-BAZZANO, GAIL L CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	123,035
R01 HD11658-06	FUNCTIONAL CYTOLOGY OF THE PLACENTA & FETAL MEMBRANES KING, BARRY F CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	119,280
R01 HD11709-05	EVALUATION OF INDUCED CYTOGENETIC LESIONS IN OOCYTES LITTLEFIELD, L GAYLE USERDA OAK RIDGE NATIONAL LAB OAK RIDGE, TENN	148,535
R01 HD11762-05	GENETIC CONTROL OF EMBRYOGENESIS IN C. ELEGANS WOOD, WILLIAM B COLORADO, U OF AT BOULDER BOULDER, COLO	102,396
R01 HD11765-03	HORMONAL REGULATION OF FETAL LUNG MATURATION GIANNOPOULOS, GEORGE BOSTON HOSP FOR WOMEN BOSTON, MASS	122,337
R01 HD11770-05	BIOCHEMISTRY OF HEPARAN SULFATE KELLER, JOHN M HLTH SCI, U OF AT CHICAGO MED SCH NORTH CHICAGO, ILL	77,434

R01 HD11787-05	THE CELLULAR BASIS OF COLOSTRAL IMMUNITY PARMELY, MICHAEL J KANSAS, U OF COLL HLTH SCI KANSAS CITY, KANS	67,970
R01 HD11903-05	SLEEP STATE RESPIRATORY CONTROL IN KITTENS MC GINTY, DENNIS J CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	116,002
R01 HD11908-05	CHEMISTRY & MOLECULAR BIOLOGY OF RELAXIN NIALL, HUGH D MELBOURNE, U OF PARKVILLE, AUSTRALIA	131,293
R01 HD11915-05	PERCEPTION OF SPEECH AND NONSPEECH SOUNDS IN INFANTS ASLIN, RICHARD N INDIANA U BLOOMINGTON, IND	64,295
R01 HD11916-05	THE DEVELOPMENT OF OBJECT PERCEPTION IN HUMAN INFANTS RUFF, HOLLY A YESHIVA U NEW YORK, N Y	71,579
R01 HD11932-05	LUNG PHOSPHOLIPID APPEARANCE AND STABILITY JOBE, ALAN H LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	45,916
R01 HD11959-04	NEW ENGLAND HYPOTHYROIDISM COLLABORATIVE FOLLOW-UP STUDY KLEIN, ROBERT TUFTS U BOSTON, MASS	174,055
R01 HD11964-05	NEUTROPHIL FUNCTIONS IN THE NEONATE STRAUSS, RONALD G IOWA, U OF IOWA CITY, IOWA	37,960
R01 HD12035-03	SPERM AGING AND THE INCIDENCE OF CHROMOSOME ANOMALIES DE LEON, PATRICIA A DELAWARE, U OF NEWARK, DEL	41,168
R01 HD12039-04	FOUR PRESCHOOL PROGRAMS: 11TH & 12TH GRADE EFFECTS MILLER, LOUISE B LOUISVILLE, U OF LOUISVILLE, KY	87,750

R01 HD12064-05	TRIGEMINAL NECK REFLEX: DEVELOPMENT AND CONTROL NARAYANAN, C H LOUISIANA STATE U NEW ORLEANS, LA	56,407
R01 HD12089-02	A DEVELOPMENTAL STUDY OF HYPOXIC BRAIN INJURY YU, MANG C NEW JERSEY COLL OF MED & DENTISTRY NEWARK, N J	54,974
R01 HD12097-03S1	EFFECT OF MATERNAL IMMUNITY ON NEONATAL IMMUNE SYSTEM KIM, YOON B SLOAN-KETTERING INST FOR CANCER RES NEW YORK, N Y	24,478
R01 HD12097-04A1	EFFECT OF MATERNAL IMMUNITY ON NEONATAL IMMUNE SYSTEM KIM, YOON B SLOAN-KETTERING INST FOR CANCER RES NEW YORK, N Y	109,155
R01 HD12108-05	MATERNAL REGULATION OF INFANT DEVELOPMENT BLACK, IRA B CORNELL U MED CTR NEW YORK, N Y	121,913
R01 HD12178-05	GENETIC AND BIOCHEMICAL STUDIES OF STEROID SULFATASE SHAPIRO, LARRY J LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	122,804
R01 HD12197-05	AMINOPHYLLINE & INSULIN EFFECTS ON FETAL LUNG CELLS BARRETT, CYNTHIA T CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	121,441
R01 HD12202-05	HORMONAL CONTROL OF THE INITIATION OF PARTURITION GIANNOPOULOS, GEORGE BOSTON HOSP FOR WOMEN BOSTON, MASS	54,668
R01 HD12207-03S1	EPIDEMIOLOGY OF EARLY REPRODUCTIVE LOSS STEIN, ZENA A COLUMBIA U NEW YORK, N Y	114,975
R01 HD12252-06	SUBCUTANEOUS FAT, BLOOD LIPIDS AND SUBSEQUENT OUTCOME ROCHE, ALEXANDER F WRIGHT STATE U DAYTON, OHIO	440,643

R01 HD12284-05	BIOCHEMICAL BASIS FOR HYPERGLYCINEMIA O'BRIEN, WILLIAM E BAYLOR COLL OF MEDICINE HOUSTON, TEX	40,891
R01 HD12335-04	VITAMIN D & MAMMALIAN CALCIUM TRANSPORT BURNS, MARY E VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	69,940
R01 HD12342-04A1	CELL-MEDIATED IMMUNITY IN CONGENITAL CMV INFECTIONS BALFOUR, HENRY H, JR MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	88,044
R01 HD12395-04	PHYSIOLOGY OF HUMAN RELAXIN WEISS, GERSON NEW YORK U NEW YORK, N Y	103,531
R01 HD12416-03S1	EFFECTS OF COLOSTRUM ON IMMUNE RESPONSIVENESS HALSEY, JOHN F KANSAS, U OF COLL HLTH SCI KANSAS CITY, KANS	5,972
R01 HD12416-04	EFFECTS OF COLOSTRUM ON IMMUNE RESPONSIVENESS JOHN F HALSEY KANSAS, U OF KANSAS CITY, KANS KANSAS CITY, KANS	59,096
R01 HD12437-04	EFFECT OF COLOSTRUM ON GUT MATURATION AND HOST DEFENSE W ALLAN WALKER MASSACHUSETTS GENERAL HOSP BOSTON, KANSAS CITY, KANS	97,558
R01 HD12441-04	SOYBEAN PROTEIN INTOLERANCE: LACTOSE AND GLYCOSYLATION TORRES-PINEDO, RAMON B OKLAHOMA, U OF HLTH SCIENCE OKLAHOMA CITY, OKLA	103,156
R01 HD12447-03S1	DEVELOPMENT OF PANCREATIC EXOCRINE FUNCTION WERLIN, STEVEN L WISCONSIN, MEDICAL COLL OF MILWAUKEE, WIS	8,411
R01 HD12480-04	CORRELATES OF ADIPOSE CELL GROWTH IN INFANCY JOHNSTON, FRANCIS E CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	83,815

R01 HD12486-02	DIGESTIBILITY OF STARCHES AND PANCREAS DEVELOPMENT LEBENTHAL, EMANUEL CHILDRENS HOSP OF BUFFALO BUFFALO, N Y	54,784
R01 HD12496-03	VITAMIN D AND CALCIUM IN LACTATING AND SUCKLING RATS TOVERUD, SVEIN U NORTH CAROLINA, U OF CHAPEL HILL, N C	52,248
R01 HD12506-04	METHODS FOR STUDYING THE IMPACT OF INTERVENTIONS LEINHARDT, SAMUEL CARNEGIE-MELLON U PITTSBURGH, PA	180,452
R01 HD12511-04	TEMPORAL INVARIANTS IN SPEECH PRODUCTION AND PERCEPTION PORT, ROBERT F INDIANA U BLOOMINGTON, IND	64,822
R01 HD12512-04	POTASSIUM, SODIUM, AND WATER IN OOCYTE MATURATION HOROWITZ, SAMUEL B MICHIGAN CANCER FDN DETROIT, MICH	114,085
R01 HD12520-04	HOME-BASED BEHAVIORAL PROGRAM FOR OBESE CHILDREN EPSTEIN, LEONARD H PITTSBURGH, U OF PITTSBURGH, PA	149,526
R01 HD12552-04	GROWTH & DIFFERENTIATION OF SMALL INTESTINE HERZFELD, ANNEMARIE NEW ENGLAND DEACONESS HOSP BOSTON, MASS	112,390
R01 HD12562-04	BIOCHEMICAL DEVELOPMENT OF THE SARCOLEMMAL MEMBRANE SMITH, PETER B WAKE FOREST U WINSTON-SALEM, N C	71,797
R01 HD12572-04	THE DEVELOPMENT OF FORM PERCEPTION IN INFANCY BANKS, MARTIN S TEXAS, U OF AUSTIN, TEX	48,443
R01 HD12574-04	BLOOD COAGULATION IN THE FETUS: A FETAL LAMB MODEL KISKER, C THOMAS IOWA, U OF IOWA CITY, IOWA	124,206

R01 HD12588-04	REGULATION OF TRIGLYCERIDE COMPOSITION OF MILK SMITH, STUART CHILDRENS HOSP MEDICAL CTR OAKLAND, CALIF	119,856
R01 HD12610-04	DEVELOPMENTAL GENETICS OF MUSCLE STRUCTURE EPSTEIN, HENRY F BAYLOR COLL OF MEDICINE HOUSTON, TEX	49,149
R01 HD12613-04	GLUCAGON PHYSIOLOGY IN THE FETUS, NEWBORN AND CHILD SPERLING, MARK A CHILDRENS HOSP RESEARCH FDN CINCINNATI, OHIO	121,038
R01 HD12625-04	ENDOCRINE CONTROL OF THE ONSET OF PUBERTY IN THE MONKEY STEINER, ROBERT A WASHINGTON, U OF SEATTLE, WASH	86,394
R01 HD12635-04	THE SOCIAL INTERACTIVE SKILLS OF THE HUMAN INFANT ECKERMAN, CAROL O DUKE U DURHAM, N C	16,535
R01 HD12637-04A1	NUTRITION AND ADIPOCYTE GROWTH AND DEVELOPMENT GREENWOOD, M R C VASSAR COLL POUGHKEEPSIE, N Y	113,917
R01 HD12659-04	PATTERN REGULATION IN REGENERATING AMPHIBIAN LIMBS STOCUM, DAVID L ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	73,382
R01 HD12701-02	INFANT PERCEPTION OF TEMPORAL SPEECH PARAMETERS EILERS, REBECCA E MIAMI, U OF MIAMI, FLA	79,461
R01 HD12714-04	DEVELOPMENTAL LUNG PROSPHOLIPID METABOLISM JOBE, ALAN H LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	113,297
R01 HD12717-04	BIOTRANSFORMATION OF TERATOGENS FANTEL, ALAN G WASHINGTON, U OF SEATTLE, WASH	156,366

R01 HD12718-04	GLYCOPROTEIN SYNTHESIS DURING EMBRYONIC DEVELOPMENT LENNARZ, WILLIAM J JOHNS HOPKINS U BALTIMORE, MD	115,914
R01 HD12724-03S1	PROTEOGLYCAN SYNTHESIS DURING DEVELOPMENT AND AGING CAPLAN, ARNOLD I CASE WESTERN RESERVE U CLEVELAND, OHIO	15,100
R01 HD12727-05	FOVEAL AND PARAFOVEAL CUES IN READING RAYNER, KEITH MASSACHUSETTS, U OF AMHERST, MASS	43,326
R01 HD12731-04	MODELS IN POPULATION GENETICS THOMSON, GLENYS J CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	86,810
R01 HD12737-03S1	HOMEOSTASIS DURING THE INTRAUTERINE AND PERINATAL PERIOD DANIEL, SALHA S COLUMBIA U NEW YORK, N Y	28,425
R01 HD12737-04	HOMEOSTASIS DURING THE INTRAUTERINE AND PERINATAL PERIOD DANIEL, SALHA S COLUMBIA U NEW YORK, N Y	137,975
R01 HD12787-05	CARBAMYL ENZYMES AND DIFFERENTIATION JONES, MARY E NORTH CAROLINA, U OF CHAPEL HILL, N C	101,176
R01 HD12866-04	DEVELOPMENT OF SALIVARY GLAND PROTEINS BECKENDORF, STEVEN K CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	91,688
R01 HD13025-04	FETAL CELLS FROM MATERNAL BLOOD HERZENBERG, LEONARD A STANFORD U STANFORD, CALIF	117,013
R01 HD13051-02	SIDS MODEL: SLEEP & BREATHING IN PREMATURE MARSUPIAL MEGIRIAN, DAVID TASMANIA, U OF HOBART, AUSTRALIA	40,590

R01 HD13051-02S1	SIDS MODEL: SLEEP & BREATHING IN PREMATURE MARSUPIAL MEGIRIAN, DAVID TASMANIA, U OF HOBART, AUSTRALIA	2,822
R01 HD13064-04	OXYTOCIN AND PROSTAGLANDIN ACTION IN PARTURIENT UTERUS CHAN, WALTER Y CORNELL U MED CTR NEW YORK, N Y	142,094
R01 HD13084-04	DEVELOPMENT OF TISSUE THERMOGENESIS IN NEWBORN ANIMALS KLEIN, ALAN H LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	116,116
R01 HD13101-04	DEVELOPMENT OF POSITIVE HEALTH BEHAVIOR IN PRESCHOOLERS BRUHN, JOHN G TEXAS, U OF GALVESTON, TEX	107,410
R01 HD13138-04	METABOLISM IN THE SUBHUMAN PRIMATE AND OVINE FETUS LEVITSKY, LYNNE L MICHAEL REESE HOSP AND MEDICAL CTR CHICAGO, ILL	104,019
R01 HD13147-04	OXYTOCIN PATHWAYS AND REPRODUCTIVE MECHANISMS ZIMMERMAN, EARL A COLUMBIA U NEW YORK, N Y	113,758
R01 HD13186-02	PRE-BIRTH PARENT ADAPTATION AND FAMILY DEVELOPMENT HEINICKE, CHRISTOPH M CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	109,408
R01 HD13225-04	MECHANISMS OF CELLULAR CONTROL DURING MYOGENESIS ROBBINS, JEFFREY MISSOURI, U OF COLUMBIA, MO	99,310
R01 HD13232-04	BICARBONATE TRANSPORT BY THE MATURING PROXIMAL TUBULE SCHWARTZ, GEORGE J YESHIVA U NEW YORK, N Y	181,499
R01 HD13234-04	LIPOPROTEINS AND STEROIDOGENESIS IN REPRODUCTION SIMPSON, EVAN R TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	84,013

R01 HD13248-04	STUDIES OF PERCEPTUAL KNOWLEDGE IN INFANCY SPELKE, ELIZABETH S PENNSYLVANIA, U OF PHILADELPHIA, PA	95,137
R01 HD13249-04	PSYCHOLINGUISTICS OF AMERICAN SIGN LANGUAGE MORPHOLOGY BELLUGI, URSULA SALK INST FOR BIOLOGICAL STUDIES LA JOLLA, CALIF	198,208
R01 HD13250-04	HEPATIC DRUG ELIMINATION IN PREGNANCY VORE, MARY E KENTUCKY, U OF LEXINGTON, KY	87,235
R01 HD13294-03	MATERNAL-FETAL STEROID REGULATION IN PREGNANT BABOONS ALBRECHT, EUGENE D MARYLAND, U OF BALTIMORE, MD	77,454
R01 HD13344-02	STEREOTYPED ACTS AND AROUSAL BAUMEISTER, ALFRED A VANDERBILT U NASHVILLE, TENN	60,440
R01 HD13347-04	SMOKING IN PREGNANCY AND SUBSEQUENT CHILD DEVELOPMENT RUSH, DAVID COLUMBIA U NEW YORK, N Y	140,502
R01 HD13374-04	SMOKING IN SCHOOL AGE CHILDREN: THE MUSCATINE STUDY LAUER, RONALD M IOWA, U OF IOWA CITY, IOWA	97,654
R01 HD13400-03	CONTROL MECHANISMS OF CELL RE-COMMITMENTS; DROSOPHILA ERK, FRANK C NEW YORK, STATE U OF STONY BROOK, N Y	37,837
R01 HD13409-04	TEEN SOCIAL BEHAVIOR AND THE PREVENTION OF SMOKING BIGLAN, ANTHONY OREGON RESEARCH INST EUGENE, ORE	175,529
R01 HD13411-03	CHORIOPLACENTAL AND YOLK SAC FUNCTION AND DYSFUNCTION BRENT, ROBERT L THOMAS JEFFERSON U PHILADELPHIA, PA	143,596

R01 HD13419-03	TISSUE INTERACTIONS IN DRUG INDUCED LIMB TERATOGENESIS JOHNSON, KURT E GEORGE WASHINGTON U WASHINGTON, D C	39,114
R01 HD13420-02S1	AUTOMATED NEUROPHYSIOLOGICAL DIAGNOSIS OF DYSLEXIA DUFFY, FRANK H CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	13,287
R01 HD13423-04	GENETIC & BIOCHEMICAL STUDY OF HUMAN CHROMOSOME 21 PATTERSON, DAVID COLORADO MEDICAL CTR, U OF DENVER, COLO	84,377
R01 HD13449-04	SOCIAL PSYCHOLOGICAL FACTORS IN ADOLESCENT SMOKING SHERMAN, STEVEN J INDIANA U BLOOMINGTON, IND	110,070
R01 HD13460-02	CHILDHOOD OBESITY: LONG-TERM BEHAVIORAL CHANGE ISRAEL, ALLEN C NEW YORK, STATE U OF ALBANY, N Y	62,763
R01 HD13477-03	HUMAN PLACENTAL-GLUCOCORTICOID INTERACTIONS HARRISON, ROBERT W, III VANDERBILT U NASHVILLE, TENN	71,698
R01 HD13481-04	BIOSYNTHESIS OF PROTEIN HORMONES IN HUMAN PLACENTA BOIME, IRVING WASHINGTON U ST LOUIS, MO	132,914
R01 HD13500-03	INFORMATION FLOW REGULATING MAMMALIAN MORPHOGENESIS RUNNER, MEREDITH N COLORADO, U OF AT BOULDER BOULDER, COLO	158,408
R01 HD13542-13	ENDOGENOUS LECTINS IN DEVELOPING CELL INTERACTIONS BARONDES, SAMUEL H CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	103,905
R01 HD13547-03	MINERAL METABOLISM: MATERNAL AND FETAL ASPECTS GRAY, TIMOTHY K NORTH CAROLINA, U OF CHAPEL HILL, N C	83,512

R01 HD13563-03	PROTEOGLYCANS AND GLYCOPROTEINS OF DEVELOPING THYMUS HART, GERALD W JOHNS HOPKINS U BALTIMORE, MD	62,207
R01 HD13585-03	THE GROWTH OF CELLS IN MILK: PURIFICATION OF MITOGENS KLAGSBRUN, MICHAEL CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	110,063
R01 HD13590-03	GLUCOSE AND PROTEIN METABOLISM IN OBESE ADOLESCENTS WOLFE, ROBERT R MASSACHUSETTS GENERAL HOSP BOSTON, MASS	44,050
R01 HD13591-02	TRANSFER OF PERSISTENT CHEMICALS TO OFFSPRING LECH, JOHN J WISCONSIN, MEDICAL COLL OF MILWAUKEE, WIS	50,254
R01 HD13689-03	RESPIRATORY FUNCTION DURING SLEEP AND RISK FOR SIDS HOPPENBROUWERS, CATHERINA T SOUTHERN CALIFORNIA, U OF AT L A LOS ANGELES, CALIF	122,992
R01 HD13733-03	LYMPHOCYTE DEVELOPMENT IN NEWBORNS & IMMUNODEFICIENCY HAYWARD, ANTHONY R COLORADO MEDICAL CTR, U OF DENVER, COLO	56,843
R01 HD13740-03	PLACENTAL DNA POLYMERASE IN HUMAN DEVELOPMENT LEONG, JO ANN C OREGON STATE U CORVALLIS, OREG	68,126
R01 HD13756-02	EFFECT OF CYTOMEGALOVIRUS ON EMBRYONIC DEVELOPMENT BASKAR, JOHN F NORTH CAROLINA, U OF CHAPEL HILL, N C	70,124
R01 HD13758-02	METABOLISM OF DEVELOPING REPRODUCTIVE TRACT BLOCH, ERIC YESHIVA U NEW YORK, N Y	122,338
R01 HD13764-03	FETAL CARDIORESPIRATORY RESPONSES TO ASPHYXIA PARER, JULIAN T CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	117,790

R01 HD13778-03	PHYSICAL TRAINING AND HUMAN OVARIAN FUNCTION ROBERTSHAW, DAVID COLORADO STATE U FORT COLLINS, COLO	67,099
R01 HD13787-02	PERINATAL BILE ACID METABOLISM AND HEPATOTOXICITY WHITNEY, JOANNE O CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	88,212
R01 HD13794-03	ALPHA-FETOPROTEIN: REAGENT TO ISOLATE T CELL SUBSETS PECK, AMMON B FLORIDA, U OF GAINESVILLE, FLA	73,359
R01 HD13796-02	CULTURAL/MEDICAL CONTEXTS OF BIRTH IN HISPANIC WOMEN SCRIMSHAW, SUSAN C CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	127,586
R01 HD13810-03	COGNITIVE DEFICITS IN HIGH RISK INFANTS ROSE, SUSAN A YESHIVA U NEW YORK, N Y	114,450
R01 HD13820-02	COMPLIANCE AND CONTROL IN CHILDHOOD DIABETES JOHNSON, SUZANNE B FLORIDA, U OF GAINESVILLE, FLA	126,616
R01 HD13823-03	DETERMINANTS OF CONTINUITIES AND CHANGES IN FATNESS GARN, STANLEY M MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	94,274
R01 HD13830-03	CEREBRAL BLOOD FLOW IN THE FETUS AND NEWBORN JONES, M DOUGLAS, JR JOHNS HOPKINS U BALTIMORE, MD	112,667
R01 HD13860-03	REPEATED DNA EXPRESSION IN DEVELOPMENT AND CANCER GILLESPIE, DAVID H HAHNEMANN MED COLL & HOSP OF PHILA PHILADELPHIA, PA	68,952
R01 HD13864-04	MINERAL AND BONE METABOLISM IN CHILDREN ANAST, CONSTANTINE S CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	137,198

R01 HD13888-03	CHILDHOOD OBESITY AND PAST ENVIRONMENTAL FACTORS SHAPIRO, LEONA R CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	78,211
R01 HD13897-03	SOCIAL AND POLITICAL ISSUES IN GENETIC SCREENING DUSTER, TROY CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	110,924
R01 HD13900-03	DIFFERENTIATION OF CELLS TRANSFORMED BY VIRUSES INGRAM, VERNON M MASSACHUSETTS INST OF TECHNOLOGY CAMBRIDGE, MASS	153,000
R01 HD13903-02	STUDIES IN NEONATAL PERIVENTRICULAR HEMORRHAGE SHIELDS, WILLIAM D CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	73,027
R01 HD13906-03	CENTRAL REGULATION OF OXYTOCIN SECRETION HALLER, EDWIN W MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	42,943
R01 HD13913-04	BILE ACID METABOLISM IN INFANCY AND CHILDHOOD WATKINS, JOHN B CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	102,590
R01 HD13914-05	THE PHYSIOLOGIC CONTROL OF PROLACTIN SECRETION NEILL, JIMMY D ALABAMA, U OF BIRMINGHAM, ALA	97,688
R01 HD13920-03	GROUP B STREPTOCOCCAL INFECTIONS DILLON, HUGH C, JR ALABAMA, U OF BIRMINGHAM, ALA	115,578
R01 HD13932-03S1	BILE ACIDS AND THE DEVELOPMENT OF INTESTINAL FUNCTION WATKINS, JOHN B CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	11,472
R01 HD13932-04	BILE ACIDS AND THE DEVELOPMENT OF INTESTINAL FUNCTION WATKINS, JOHN B CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	78,016

R01 HD13940-04	STUDIES OF ABNORMAL EMBRYONIC DEVELOPMENT LEUNG, CHRISTOPHER C LOUISIANA STATE U MEDICAL CTR SHREVEPORT, LA	73,157
R01 HD13953-03	FOOD ENERGY, METABOLISM & GROWTH OF NEONATAL MAMMALS MC CLURE, POLLEY A INDIANA U BLOOMINGTON, IND	80,783
R01 HD13970-03	MATERNAL MRNA LOCALIZATIONS IN A DETERMINATE EGG JEFFERY, WILLIAM R TEXAS, U OF AUSTIN, TEX	52,870
R01 HD13980-03	CYTOLOGICAL STUDIES OF PRIMATE VAGINAL EPITHELIUM KING, BARRY F CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	51,216
R01 HD13999-03	OXYGEN & CARBON MONOXIDE EQUILIBRIA WITH FETAL BLOOD REEVES, ROBERT B NEW YORK, STATE U OF BUFFALO, N Y	50,729
R01 HD14000-03	HORMONAL AND NEURAL CONTROL OF UTERINE CONTRACTION JONES, RICHARD E COLORADO, U OF AT BOULDER BOULDER, COLO	43,430
R01 HD14005-06	BIOCHEMISTRY OF OLIGOPEPTIDES AFFECTING THE PITUITARY KIZER, JOHN S NORTH CAROLINA, U OF CHAPEL HILL, N C	131,377
R01 HD14010-03	CELL SURFACE CARBOHYDRATES IN NEURONAL CELL FUNCTION SCHNAAR, RONALD L JOHNS HOPKINS U BALTIMORE, MD	79,764
R01 HD14013-10	MECHANISMS IN NUTRIENT TRANSPORT INTO CELLS NEVILLE, MARGARET C COLORADO MEDICAL CTR, U OF DENVER, COLO	82,170
R01 HD14021-02	ONTOGENESIS OF CONTROL OF SOMATOMEDIN SECRETION RICHMAN, ROBERT A NEW YORK, STATE U OF SYRACUSE, N Y	70,792

R01 HD14057-03	CERVICAL CONNECTIVE TISSUE METABOLISM- PREGNANCY & LABOR GOLICHOWSKI, ALAN M INDIANA U INDIANAPOLIS, IND	58,147
R01 HD14062-03	ROLE OF DIET IN TRANSFER RNA METABOLISM FARKAS, WALTER R TENNESSEE, U OF KNOXVILLE, TENN	65,673
R01 HD14065-03	TRANSPORT OF IGG ANTIBODIES THROUGH THE PLACENTA WOOD, GARY W KANSAS, U OF COLL HLTH SCI KANSAS CITY, KANS	45,229
R01 HD14067-02	MATERNAL RNA LOCALIZATION IN SEA URCHIN DEVELOPMENT ERNST, SUSAN G TUFTS U MEDFORD, MASS	71,565
R01 HD14072-03	PLACENTAL LACTOGEN REGULATION IN GESTATIONAL DIABETES ILAN, JUDITH CASE WESTERN RESERVE U CLEVELAND, OHIO	101,019
R01 HD14075-03	PLACENTAL TRANSPORT OF LIPID SOLUBLE DRUGS SIMPKINS, JAMES W FLORIDA, U OF GAINESVILLE, FLA	128,654
R01 HD14085-01A2	HORMONAL EFFECTS ON THE CONTRACTILE APPARATUS KELLY, ROBERT E ILLINOIS, U OF CHICAGO, ILL	65,132
R01 HD14093-04	ONTOGENY OF FEEDING CONTROLS IN THE RAT HENNING, SUSAN J HOUSTON, U OF HOUSTON, TEX	104,189
R01 HD14094-03S1	REGULATION OF INTESTINAL DEVELOPMENT HENNING, SUSAN J HOUSTON, U OF HOUSTON, TEX	6,824
R01 HD14094-04	REGULATION OF INTESTINAL DEVELOPMENT HENNING, SUSAN J HOUSTON, U OF HOUSTON, TEX	125,477

R01 HD14103-03	A MICROPROCESSOR-BASED NEONATAL APNEA MONITOR TOMPKINS, WILLIS J WISCONSIN, U OF MADISON, WIS	16,728
R01 HD14104-03	THE BILE SALT ACTIVATED LIPASE OF HUMAN MILK WANG, CHI-SUN OKLAHOMA MEDICAL RESEARCH FDN OKLAHOMA CITY, OKLA	30,759
R01 HD14107-03	STEROID IMBALANCE-MASS SPECTRO & CHEMICAL TECHNIQUES FENNESSEY, PAUL V COLORADO MEDICAL CTR, U OF DENVER, COLO	70,568
R01 HD14132-03	PATHOPHYSIOLOGY OF PLACENTAL IRON METABOLISM PARMLEY, RICHARD T ALABAMA, U OF BIRMINGHAM, ALA	60,174
R01 HD14145-02	CONTRACTILE PROTEIN GENE EXPRESSION DURING DEVELOPMENT SODJA, ANN WAYNE STATE U DETROIT, MICH	69,467
R01 HD14150-03	PARTURITIONAL CHANGES IN THE UTERINE CERVIX STYS, STANLEY J CINCINNATI, U OF CINCINNATI, OHIO	81,573
R01 HD14166-03	PUBERTAL CHANGES IN ESTRADIOL METABOLISM IN PRIMATES HOTCHKISS, JULANE PITTSBURGH, U OF PITTSBURGH, PA	2,658
R01 HD14173-03	ENZYMIC DIFFERENTIATION IN MAMMALIAN LIVER KENNEY, FRANCIS T USERDA OAK RIDGE NATIONAL LAB OAK RIDGE, TENN	75,539
R01 HD14174-04	HORMONAL FUNCTION IN GROWTH & DEVELOPMENT IN CHILDHOOD BONGIOVANNI, ALFRED M PENNSYLVANIA HOSP PHILADELPHIA, PA	86,932
R01 HD14182-03	ALKALINE PHOSPHATASE MRNA IN SEA URCHIN DEVELOPMENT KLEIN, WILLIAM H INDIANA U BLOOMINGTON, IND	73,012

R01 HD14193-02	NORMAL DEVELOPMENT OF STARTLE RESPONSES ORNITZ, EDWARD M CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	119,841
R01 HD14195-02	DEVELOPMENT OF PROPORTIONALITY CONCEPTS IN CHILDREN OFFENBACH, STUART I PURDUE U AT WEST LAFAYETTE WEST LAFAYETTE, IND	79,939
R01 HD14198-04	NEONATAL NUTRITION: DEVELOPMENT OF FAT ABSORPTION LESTER, ROGER TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	111,816
R01 HD14321-03	BIOCHEMICAL TERATOGENESIS BEAUDOIN, ALLAN R MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	49,017
R01 HD14344-03	SUDDEN INFANT DEATH SYNDROME BRAIN ABNORMALITIES TOWFIGHI, JAVAD PENNSYLVANIA STATE U MED COLL HERSHEY, PA	54,924
R01 HD14348-03	DOPAMINE IN PLASMA: ORIGIN AND FUNCTION BEN-JONATHAN, NIRA INDIANA U INDIANAPOLIS, IND	70,721
R01 HD14357-03	H-Y ANTIGEN: SEROLOGY BIOCHEMISTRY AND FUNCTION KOO, GLORIA C SLOAN-KETTERING INST FOR CANCER RES NEW YORK, N Y	91,458
R01 HD14358-03	DYNAMICS OF LYMPHOCYTE TRANSFER TO THE NEWBORN SEELIG, LEONARD L, JR TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	50,325
R01 HD14364-02	DEVELOPMENTAL AND SOCIETAL ISSUES IN ANOREXIA NERVOSA LEON, GLORIA R MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	45,820
R01 HD14371-03	ANALYSIS OF GROWTH SYSTEMS SKALAK, RICHARD COLUMBIA U NEW YORK, N Y	93,015

R01 HD14373-02	DIABETES MELLITUS AND RDS: INVOLVEMENT OF INOSITOL BLEASDALE, JOHN E TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	50,316
R01 HD14375-03	CARBOHYDRATE TOLERANCE & EXCRETION OF HYDROGEN GAS STEVENSON, DAVID K STANFORD U STANFORD, CALIF	60,972
R01 HD14378-03	INSULIN AND THE NUTRITIONAL CONTROL OF PUBERTY YOUNG, JOHN K HOWARD U WASHINGTON, D C	51,819
R01 HD14388-03	ZINC DEPRIVATION AND TERATOGENESIS GERSHWIN, M ERIC CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	138,600
R01 HD14393-03	PERCEPTION OF CONTROL IN INFANCY WATSON, JOHN S CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	84,310
R01 HD14399-03	CLONING AND ANALYSIS OF THE MOSQUITO VITELLOGENIN GENE HAGEDORN, HENRY H CORNELL U AT ITHACA ITHACA, N Y	74,838
R01 HD14402-03	SOCIAL COMMUNICATION FUNCTIONS OF ADOLESCENT SMOKING WONG-MC CARTHY, WILLIAM J CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	122,360
R01 HD14405-03	ARACHIDONIC ACID METABOLISM: INFANTS OF DIABETIC MOTHERS STUART, MARIE J NEW YORK, STATE U OF SYRACUSE, N Y	101,057
R01 HD14419-02	INADEQUATE NEUTROPHIL SUPPLY DURING NEONATAL SEPSIS ROTHSTEIN, GERALD UTAH, U OF SALT LAKE CITY, UTAH	73,571
R01 HD14427-02	MATERNAL INFLUENCE ON DEVELOPING 24-HOUR PERIODICITY REPPERT, STEVEN M MASSACHUSETTS GENERAL HOSP BOSTON, MASS	81,122

R01 HD14443-03	TOXIC EFFECTS OF LEAD ON INTRACRANIAL FLUID DYNAMICS MANN, JOHN D NORTH CAROLINA, U OF CHAPEL HILL, N C	97,996
R01 HD14444-03	DENDRITIC ALTERATIONS IN EXPERIMENTAL PKU LACEY, DANIEL J CHILDRENS HOSP OF BUFFALO BUFFALO, N Y	22,687
R01 HD14474-03	PATTERN GENERATION AND MOTILITY OF ACTIN FILAMENTS TILNEY, LEWIS G PENNSYLVANIA, U OF PHILADELPHIA, PA	135,599
R01 HD14481-04	SERUM PROTEIN FUNCTION IN ION TRANSPORT MORGAN, WILLIAM T LOUISIANA STATE U NEW ORLEANS, LA	77,748
R01 HD14483-03	EMBRYONIC CELL RECOGNITION: SPECIFICITY DETERMINANTS MC CLAY, DAVID R, JR DUKE U DURHAM, N C	47,955
R01 HD14484-03	DEVELOPMENTAL NEUROTOXICOLOGY OF MERCURY BARTOLOME, JORGE V DUKE U DURHAM, N C	94.522
R01 HD14487-03	GENETIC VARIANTS OF BLOOD PROTEINS AND HEALTH WEITKAMP, LOWELL R ROCHESTER, U OF ROCHESTER, N Y	139,925
R01 HD14489-03	MECHANISMS GOVERNING ONSET OF OVARIAN FUNCTION RYAN, KATHLEEN D MAGEE-WOMENS HOSP PITTSBURGH, PA	55,368
R01 HD14490-03	AXONAL GUIDANCE AND IMPULSE ACTIVITY IN DEVELOPMENT HARRIS, WILLIAM A CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	60,051
R01 HD14498-03	CONTROL OF REGIONAL DIFFERENTIATION OF FETAL INTESTINE MONTGOMERY, ROBERT K CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	56,641

R01 HD14506-03	THE REGULATION OF GROWTH BY SOMATOMEDIN SPENCER, E MARTIN CHILDRENS HOSP OF SAN FRANCISCO SAN FRANCISCO, CALIF	135,648
R01 HD14513-03	CONTROL OF LIPOPROTEIN & STEROID LEVELS IN THE FETUS PARKER, RICHARD C, JR TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	87,339
R01 HD14534-03	HORMONAL/INTERCELLULAR CONTROL OF FOREGUT DEVELOPMENT SMITH, BARRY T BOSTON HOSP FOR WOMEN BOSTON, MASS	65,744
R01 HD14543-02	GENETIC STUDY OF MYOPIA AND COGNITIVE ABILITY ASHTON, GEOFFREY C HAWAII, U OF HONOLULU, HAWAII	75,958
R01 HD14565-03	MATURATION OF RESPONSE TO HYPOXIA-RELEVANCE TO SIDS HADDAD, GABRIEL G COLUMBIA U NEW YORK, N Y	170,641
R01 HD14566-03	EPSTEIN-BARR VIRUS INFECTION IN PREGNANCY FLEISHER, GARY R CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	58,541
R01 HD14587-02	INDUCTION OF ANOMALOUS EMBRYONIC DEVELOPMENT IN VITRO SANYAL, MRINAL K YALE U NEW HAVEN, CONN	151,242
R01 HD14591-03	VARIABILITY OF MATERNAL SEPARATION EFFECTS IN MONKEYS HENNESSY, MICHAEL B STANFORD RESEARCH INST MENLO PARK, CALIF	94,693
R01 HD14608-03	ORGANIZATION OF SLEEP STATES AND RISK FOR SIDS HARPER, RONALD M CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	94,587
R01 HD14625-03	HORMONES AND BRAIN CATECHOLAMINE PHYSIOLOGY RAMIREZ, VICTOR D ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	104,568

R01 HD14629-02	BEHAVIORAL FACTORS INFLUENCING INFANT WEIGHT CONTROL AGRAS, W STEWART STANFORD U STANFORD, CALIF	183,361
R01 HD14633-02	HLA, NEURAL TUBE DEFECTS & FETAL LOSS SCHACTER, BERNICE Z CASE WESTERN RESERVE U CLEVELAND, OHIO	79,108
R01 HD14636-02	LONG-TERM EFFECTS OF OTITIS MEDIA VAN DEN BERG, BARBARA J CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	46,689
R01 HD14638-01A1	GONADAL DEVELOPMENT IN PRIMATES. A MORPHOLOGIC STUDY ZAMBONI, LUCIANO LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	134,163
R01 HD14642-03	MECHANISMS OF RELAXIN ACTION SOLOFF, MELVYN S MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	76,549
R01 HD14648-02	THE DEVELOPMENT OF AGGRESSIVE BEHAVIORS CAIRNS, ROBERT B NORTH CAROLINA, U OF CHAPEL HILL, N C	87,002
R01 HD14660-02	HYDROGEN BONDING IN DETERMING OXYTOCIN ACTIVITY GAZIS, DIANA NEW YORK, CITY U OF NEW YORK, N Y	51,155
R01 HD14661-02	HORMONAL CONTROL OF FETAL GROWTH NICOLL, CHARLES S CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	57,550
R01 HD14680-01A2	EFFECT OF SCHOOLING SEVERELY IMPAIRED ON THE FAMILY MEYERS, C EDWARD CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	116,265
R01 HD14688-02	INFLUENCES, COMPETENCE, AND DEATH OF RETARDED PEOPLE EYMAN, RICHARD K CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	166,914

R01 HD14689-01A1	LACTATION: DIET, DRINKING, SMOKING AND INFANT GROWTH LITTLE, RUTH E WASHINGTON, U OF SEATTLE, WASH	343,697
R01 HD14706-02	NEONATAL RESPONSES TO ALTERATIONS IN PLASMA VOLUME ARANT, BILLY S, JR TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	77,616
R01 HD14721-02	DIET, MARITAL INTERACTION AND DIABETES MELLITUS FISCHER, JUDITH L TEXAS TECH U LUBBOCK, TEX	69,129
R01 HD14741-01A1	SERTOLI CELL MATURATION: PUBERTY VS RECRUDESCENCE HEINDEL, JERROLD J TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	80,192
R01 HD14751-02	IMPACT OF MAINSTREAMING ON SOCIAL INTERACTION BEHAVIORS CROW, ROBERT E MONTANA, U OF MISSOULA, MONT	99,431
R01 HD14772-01A2	THE SOCIAL ACCEPTABILITY OF MENTALLY RETARDED CHILDREN SIPERSTEIN, GARY N MASSACHUSETTS, U OF AT BOSTON BOSTON, MASS	119,577
R01 HD14807-02	FETAL DEATH IN LABOR: EPIDEMIOLOGY AND PREVENTABILITY PANETH, NIGEL S COLUMBIA U NEW YORK, N Y	201,780
R01 HD14813-02	EXPERIMENTAL ECLAMPTOGENIC TOXEMIA IN THE PRIMATE CAVANAGH, DENIS SOUTH FLORIDA, U OF TAMPA, FLA	64,744
R01 HD14820-02	FETAL AMINO ACID METABOLISM AND GLUCONEOGENESIS LEMONS, JAMES A INDIANA U INDIANAPOLIS, IND	62,249
R01 HD14837-02	INFANT FOLATE NUTRITION: EFFECTS OF FACTORS IN MILK COLMAN, NEVILLE NEW YORK, CITY U OF NEW YORK, N Y	34,664

R01 HD14840-02	EFFECTS OF X-IRRADIATION ON POSTNATAL DEVELOPMENT JENSH, RONALD P THOMAS JEFFERSON U PHILADELPHIA, PA	161,595
R01 HD14852-02	LUTEINIZING HORMONE-RELEASING HORMONE IN PREGNANCY SILER-KHODR, THERESA M TEXAS, U OF SAN ANTONIO, TEX	68,080
R01 HD14853-02	PHARMACOLOGY OF NOVEL ANTIABORTIFACIENTS RAHWAN, RALF G OHIO STATE U COLUMBUS, OHIO	48,694
R01 HD14861-02	MECHANISM OF CELLULAR DETERMINATION BY GERM PLASM MAHOWALD, ANTHONY P INDIANA U BLOOMINGTON, IND	67,125
R01 HD14864-02	EFFECTS OF VITAMIN E ON THE HEALTH OF PREMATURES MEUWISSEN, HILAIRE J NEW YORK STATE DEPT OF HEALTH ALBANY, N Y	41,683
R01 HD14883-02	ALCOHOL: A BEHAVIORAL TERATOGEN IN CHILD DEVELOPMENT ERNHART, CLAIRE B CASE WESTERN RESERVE U CLEVELAND, OHIO	158,778
R01 HD14886-02	DEVELOPMENTAL REGULATION OF CEREBELLAR PROTEIN SYNTHESIS MORRISON, MARCELLE R TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	52,478
R01 HD14888-01A1	ADENOSINE AND VASOACTIVE AUTACOIDS IN THE PLACENTA MAGUIRE, M HELEN KANSAS, U OF COLL HLTH SCI KANSAS CITY, KANS	72,354
R01 HD14889-02	PHEROMONE CHEMISTRY OF RODENTS NOVOTNY, MILOS V INDIANA U BLOOMINGTON, IND	66,369
R01 HD14894-01A1	NEONATAL DEVELOPMENT OF NEUTROPHIL FUNCTION SCHUIT, KENNETH E CHILDRENS HOSP OF PITTSBURGH PITTSBURGH, PA	51,905

R01 HD14898-02	CROSS-CULTURAL STUDY OF COGNITION AND READING WAGNER, DANIEL A PENNSYLVANIA, U OF PHILADELPHIA, PA	64,733
R01 HD14908-02	TCDD EFFECTS ON STEROID HORMONE SYNTHESIS IN PREGNANCY SHIVERICK, KATHLEEN T FLORIDA, U OF GAINESVILLE, FLA	34,977
R01 HD14911-02	RESOCIALIZING SOCIALLY HANDICAPPED CHILDREN BUDOFF, MILTON RESEARCH INST FOR EDUC PROBLEMS INC CAMBRIDGE, MASS	93,739
R01 HD14915-02	ROLE OF BASEMENT MEMBRANE IN MAMMALIAN EMBRYOGENESIS HOWE, CHIN C WISTAR INST OF ANATOMY & BIOLOGY PHILADELPHIA, PA	97,768
R01 HD14920-02	REGULATION OF UTERINE PROSTAGLANDINS IN PREGNANCY WILSON, LAIRD, JR ILLINOIS, U OF CHICAGO, ILL	61,917
R01 HD14925-02	ENDOCRINE VARIABLES IN PRIMATE SOCIAL BEHAVIOR HERNDON, JAMES G EMORY U ATLANTA, GA	103,304
R01 HD14931-02	INFANT 3-MONTH COGNITION VS PRIOR VOCAL STIMULATION ROE, KIKI V CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	47,334
R01 HD14940-02	BARBITURATE THERAPY IN SEVERE PERINATAL ASPHYXIA GOLDBERG, RONALD N MIAMI, U OF MIAMI, FLA	129,868
R01 HD14949-02	EFFECT OF EXPERIENCE AND GENDER ON THE HIPPOCAMPUS JURASKA, JANICE M INDIANA U BLOOMINGTON, IND	46,111
R01 HD14958-02	IMMUNOLOGIC STUDIES OF C. ELEGANS EARLY DEVELOPMENT WOOD, WILLIAM B COLORADO, U OF AT BOULDER BOULDER, COLO	121,773

R01 HD14966-02	ROLE OF MOUSE PLACENTAL LACTOGEN IN PREGNANCY TALAMANTES, FRANK J, JR CALIFORNIA, U OF AT SANTA CRUZ SANTA CRUZ, CALIF	86,254
R01 HD14985-01A1	PSYCHOSOCIAL COUNSELING FAMILIES OF DIABETIC CHILDREN CHASE, PETER H COLORADO MEDICAL CTR, U OF DENVER, COLO	123,245
R01 HD15007-02	NUTRITIONAL AND ECOLOGICAL CONSTRAINTS ON DEVELOPMENT ALTMANN, JEANNE CHICAGO, U OF CHICAGO, ILL	97,419
R01 HD15008-02	STEREOTYPED BEHAVIORS OF SEVERELY DISABLED CHILDREN BERKSON, GERSHON ILLINOIS, U OF CHICAGO, ILL	83,229
R01 HD15012-02	HYDROCEPHALUS AFTER IVH: MANAGEMENT IN THE PREMATURE AHMANN, PETER A EMORY U ATLANTA, GA	71,225
R01 HD15018-02	FIBROBLAST ANDROGEN RECEPTORS AND ANDROGEN ACTION KEENAN, BRUCE S BAYLOR COLL OF MEDICINE HOUSTON, TEX	88,972
R01 HD15019-02	LONG-TERM CONSEQUENCES OF PRENATAL EXPOSURE TO HORMONES REINISCH, JUNE M RUTGERS, THE STATE U NEW BRUNSWICK, N J	133,860
R01 HD15021-02	SEXUAL DIFFERENTIATION OF SPINAL CORD AND BEHAVIOR ARNOLD, ARTHUR P CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	67,000
R01 HD15025-02	PHENYTOIN TOXICITY: EFFECTS OF FOLATE DEFICIENCY BILLINGS, RUTH E TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	55,221
R01 HD15032-03	IMMUNOLOGICAL PROBES OF DEVELOPMENTAL PROCESSES GILBERT, SCOTT F SWARTHMORE COLL SWARTHMORE, PA	33,189

R01 HD15035-03	INFANT ACQUISITION OF RELATIONAL INFORMATION COHEN, LESLIE B TEXAS, U OF AUSTIN, TEX	104,211
R01 HD15036-03	BIOCHEMICAL GENETICS OF CHILDHOOD IMMUNODEFICIENCY HUTTON, JOHN J TEXAS, U OF SAN ANTONIO, TEX	84,258
R01 HD15037-02S1	MAMMALIAN EMBRYOGENESIS MANES, COLE CENTER FOR NEUROLGIC STUDY SAN DIEGO, CALIF	10,076
R01 HD15037-02S2	MAMMALIAN EMBRYOGENESIS MANES, COLE CENTER FOR NEUROLGIC STUDY SAN DIEGO, CALIF	10,076
R01 HD15037-03A1	STUDIES IN MAMMALIAN EMBRYOGENESIS MANES, COLE CENTER FOR NEUROLGIC STUDY SAN DIEGO, CALIF	230,913
R01 HD15038-02	RELATION OF GENETIC AND INDUCED CNS DEFECTS KALTER, HAROLD CHILDRENS HOSP RESEARCH FDN CINCINNATI, OHIO	54,033
R01 HD15043-02	GENE EXPRESSION IN EARLY EMBRYONIC DEVELOPMENT WILT, FRED H CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	150,487
R01 HD15044-03	MORPHOGENESIS IN EMBRYONIC AND PATHOLOGICAL SYSTEMS ROTH, STEPHEN A PENNSYLVANIA, U OF PHILADELPHIA, PA	107,918
R01 HD15053-03	CO2 AND INTERMEDIARY METABOLISM IN DEVELOPING BRAIN MILLER, ALEXANDER L TEXAS, U OF GAINESVILLE, FLA	44,086
R01 HD15054-02	PRIMING EFFECTS IN SEMANTIC AND EPISODIC MEMORY NEELY, JAMES H PURDUE U AT WEST LAFAYETTE WEST LAFAYETTE, IND	40,078

R01 HD15060-03	PATHOGENESIS OF NEONATAL JAUNDICE AND KERNICTERUS GARTNER, LAWRENCE M CHICAGO, U OF CHICAGO, ILL	172,770
R01 HD15066-02	A MULTIVARIATE ANALYSIS OF CHILDHOOD OBESITY COATE, DOUGLAS C NATL BUREAU OF ECONOMIC RES CAMBRIDGE, MASS	27,257
R01 HD15069-01A1	CHRONOMETRIC ANALYSIS OF RETARDED PROBLEM SOLVING SPITZ, HERMAN H N J NEUROPSYCHIATRIC INSTITUTE SKILLMAN, N J	51,564
R01 HD15091-02	INSULIN DEPENDENT PLACENTAL GLUCOSE TRANSPORT RANKIN, JOHN H WISCONSIN, U OF MADISON, WIS	69,235
R01 HD15183-02	NEONATAL LYMPHOCYTE RESPONSIVENESS PITTARD, WILLIAM B, III CASE WESTERN RESERVE U CLEVELAND, OHIO	87,835
R01 HD15191-02	HORMONAL ACTIVATION OF MALE SOCIAL BEHAVIOR HARDING, CHERYL F NEW YORK, CITY U OF NEW YORK, N Y	63,227
R01 HD15193-02	STUDIES ON THE MECHANISM OF HUMAN X-INACTIVATION MOHANDAS, THULUVANCHERI K LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	83,142
R01 HD15201-02	DECIDUAL PROLACTIN IN NORMAL AND PATHOLOGIC PREGNANCIES HANDWERGER, STUART DUKE U DURHAM, N C	96,243
R01 HD15210-02	CONTROL OF CASTE DIFFERENTIATION IN A PRIMITIVE TERMITE GREENBERG, SHARON L CORNELL U AT ITHACA ITHACA, N Y	50,527
R01 HD15221-02	HORMONES AND SEXUAL DIFFERENTIATION OLSEN, KATHIE L LONG ISLAND RESEARCH INST STONY BROOK, N Y	35,778

R01 HD15231-02	SECONDARY NEURULATION AND ORIGIN OF THE NEURAL CREST SCHOENWOLF, GARY C UTAH, U OF SALT LAKE CITY, UTAH	53,018
R01 HD15240-02	ANIMAL MODEL FOR TISSUE MARKERS OF HYPOXIA IN SIDS WINN, KEVIN J JOHNS HOPKINS U BALTIMORE, MD	63,701
R01 HD15241-02	DRUG-INDUCED LIMB MALFORMATIONS IN MOUSE EMBRYOS HOLMES, LEWIS B MASSACHUSETTS GENERAL HOSP BOSTON, MASS	87,529
R01 HD15243-01A1	CONTROL OF PROTEIN TURNOVER DURING DEVELOPMENT JOHNSON, JOHN D NEW MEXICO, U OF AT ALBUQUERQUE ALBUQUERQUE, N MEX	96,417
R01 HD15250-02	ROLE OF HYPERTHERMIA IN RADIOFREQUENCY TERATOGENESIS DESESSO, JOHN M CINCINNATI, U OF CINCINNATI, OHIO	48,422
R01 HD15275-02	DEV OF SENSITIVITY TO TEMPORAL STRUCTURE IN INFANCY WATSON, JOHN S CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	78,681
R01 HD15306-02	PLACENTAL CALCIUM TRANSPORT & BINDING PROTEIN TUAN, ROCKY S PENNSYLVANIA, U OF PHILADELPHIA, PA	80,179
R01 HD15308-01A1	OXYGEN & THE DEVELOPMENT OF THE AVIAN EMBRYO METCALFE, JAMES OREGON, U OF HEALTH SCIENCE CTR PORTLAND, OREG	87,583
R01 HD15311-02	DIFFERENTIATION OF AVIAN NEURAL CREST CELL IN VITRO SIEBER-BLUM, MAYA F JOHNS HOPKINS U BALTIMORE, MD	96,671
R01 HD15324-01A1	BREAST-FEEDING: EVALUATION OF ANTECEDENTS AND EFFECTS VAN DEN BERG, BARBARA J CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	87,439

R01 HD15329-02	ORIGINS AND DEVELOPMENT OF INGESTIVE BEHAVIOR HALL, WARREN G NORTH CAROLINA STATE DEPT MENT HLTH RALEIGH, N C	16,468
R01 HD15333-02	TIME AND DISTANCE IN SPATIAL COGNITION DEVELOPMENT HERMAN, JAMES F WASHINGTON U ST LOUIS, MO	58,427
R01 HD15351-02	GENE EXPRESSION IN OOGENESIS AND EARLY DEVELOPMENT RUDERMAN, JOAN V HARVARD U BOSTON, MASS	120,326
R01 HD15354-02	GENETICS AND BIOCHEMISTRY OF MOUSE DEVELOPMENT BODE, VERNON C KANSAS STATE U OF AGR & APPLIED SCI MANHATTAN, KANS	87,266
R01 HD15394-02	FAT DEVELOPMENT, GROWTH, AND CONGENITAL HEART DISEASE BAUM, DAVID STANFORD U STANFORD, CALIF	121,050
R01 HD15409-02	LONG-TERM MEMORY AND MENTAL RETARDATION TURNURE, JAMES E MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	22,347
R01 HD15425-02	TRAINING COGNITIVE STRATEGIES IN CHILDREN ENGLE, RANDALL W SOUTH CAROLINA, U OF AT COLUMBIA COLUMBIA, S C	51,129
R01 HD15434-03	ECMO IN NEWBORN RESPIRATORY FAILURE BARTLETT, ROBERT H MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	271,327
R01 HD15436-03	CONTROL OF DIFFERENTIATION IN CHICK EMBRYO LIVER POGELL, BURTON M MARYLAND, U OF BALTIMORE, MD	87,319
R01 HD15439-03	PREGNANCY IN ADOLESCENCE: FACTORS AFFECTING OUTCOME LANG, DAVID J MARYLAND, U OF BALTIMORE, MD	170,776

R01 HD15453-02	NUTRITION, PREGNANCY, LACTATION & MATERNAL FAT STORES BRASEL, JO ANNE LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	67,602
R01 HD15482-01A1	INFANT COMPETENCE: BEHAVIOR AND ELECTROPHYSIOLOGY ALS, HEIDELISE CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	93,911
R01 HD15491-02	COMPARISON OF DIETARY & GENETIC COPPER DEFICIENCY PROHASKA, JOSEPH R MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	48,076
R01 HD15496-01A1	MARRIAGE, PARENTING AND INFANT DEVELOPMENT BELSKY, JAY PENNSYLVANIA STATE U UNIVERSITY PARK, PA	94,970
R01 HD15516-01	NORMAL VARIANT GENES OF MORPHOGENESIS BAILEY, DONALD W JACKSON LAB BAR HARBOR, MAINE	180,600
R01 HD15518-02	ASSESSING COGNITIVE DEFICITS IN THE MENTALLY RETARDED DETTERMAN, DOUGLAS K CASE WESTERN RESERVE U CLEVELAND, OHIO	46,711
R01 HD15527-02	CLONAL ANALYSIS OF NEURAL CREST DIFFERENTIATION IN VIVO BRONNER-FRASER, MARIANNE E CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	62,736
R01 HD15530-02	JUVENILE HORMONE BINDING COMPOUND IN INSECT FAT BODIES ENGELMANN, FRANZ CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	92,569
R01 HD15533-01A1	CONTROL OF PROLACTIN IN THE PREGNANT RAT VOOGT, JAMES L KANSAS, U OF COLL HLTH SCI KANSAS CITY, KANS	42,095
R01 HD15558-01A1	ANALYSIS OF MEMORY PROCESSES IN THE RETARDED ELLIS, NORMAN R ALABAMA, U OF UNIVERSITY, ALA	64,103

R01 HD15569-02	POSITIVE REINFORCEMENT & MENTAL RETARDATION KONARSKI, EDWARD A, JR ALABAMA, U OF UNIVERSITY, ALA	42,126
R01 HD15576-02	RELAXIN: LOCALIZATION DURING PREGNANCY AND PARTURITION LARKIN, LYNN H FLORIDA, U OF GAINESVILLE, FLA	38,912
R01 HD15583-02	MEMBRANE AMPLICATION EFFECTS IN TRISOMY 21 EPSTEIN, CHARLES J CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	103,862
R01 HD15587-02	OOGENESIS AND EARLY EMBRYOGENESIS IN DROSOPHIA WIESCHAUS, ERIC F PRINCETON U PRINCETON, N J	114,977
R01 HD15631-01A1	LIPID CLEARING IN THE PARENTERALLY FED PRETERM INFANT HAMOSH, MARGIT GEORGETOWN U WASHINGTON, D C	67,721
R01 HD15653-02	ROLE OF CLOSTRIDIUM DIFFICILE IN SUDDEN INFANT DEATH BARTLETT, JOHN G JOHNS HOPKINS U BALTIMORE, MD	80,693
R01 HD15669-02	MEMORY SKILLS IN RETARDED AND NORMAL CHILDREN BRAY, NORMAN W ALABAMA, U OF UNIVERSITY, ALA	53,560
R01 HD15672-02	PERCEPTUAL PROCESSES UNDERLYING SPEECH COMMUNICATION REMEZ, ROBERT E BARNARD COLLEGE NEW YORK, N Y	27,410
R01 HD15702-01	REWARD AND LEARNING MECHANISMS IN INFANCY HALL, WARREN G NORTH CAROLINA STATE DEPT MENT HLTH RALEIGH, N C	12,772
R01 HD15720-02	INTERNAL CONTROLS OF INGESTION IN THE SUCKLING RAT LORENZ, DENNIS N VERMONT, U OF BURLINGTON, VT	48,346

R01 HD15721-02	SMOOTH MUSCLE CALCIUM TRANSPORT: REACTION SEQUENCE CARSTEN, MARY E CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	151,221
R01 HD15736-02	ENDORPHINS, SLEEP AND MATURATION OF HYPOXIC RESPONSE HADDAD, GABRIEL G COLUMBIA U NEW YORK, N Y	158,303
R01 HD15738-01A1	PATHOGENESIS OF PERINATAL HYPOXIC-ISCHEMIC BRAIN DAMAGE VANNUCCI, ROBERT C CORNELL U MED CTR NEW YORK, N Y	159,434
R01 HD15744-02	CONSORTIUM ON HOME ENVIRONMENT & MENTAL RETARDATION BRADLEY, ROBERT H ARKANSAS, U OF MED SCIENCES LITTLE ROCK, ARK	57,402
R01 HD15778-01A1	REGULATION OF COA-TRANSFERASE IN DEVELOPING BRAIN PATEL, MULCHAND S CASE WESTERN RESERVE U CLEVELAND, OHIO	96,744
R01 HD15779-02	MITOCHONDRIAL ABNORMALITIES IN REYE'S SYNDROME THAYER, WILLIAM S HAHNEMANN MED COLL & HOSP OF PHILA PHILADELPHIA, PA	64,623
R01 HD15781-02	VIGILANCE ENHANCEMENT IN SEVERE LEARNING HANDICAPS TOUCHETTE, PAUL E E K SHRIVER CTR FOR M R INC WALTHAM, MASS	68,385
R01 HD15793-02	CELLULAR ANALYSIS OF ASSOCIATIVE LEARNING CROW, TERRY J PITTSBURGH, U OF PITTSBURGH, PA	51,644
R01 HD15795-02	THE DEVELOPMENT OF SPEECH PERCEPTION CAPACITIES JUSCZYK, PETER W OREGON, U OF EUGENE, OREG	71,426
R01 HD15799-02	COMPARATIVE STUDIES OF PREGNANCY & HISTOCOMPATIBILITY ANTCZAK, DOUGLAS F CORNELL U AT ITHACA ITHACA, N Y	74,669

R01 HD15801-02	DEVELOPMENT OF WALKING IN PRETERM INFANTS SUTHERLAND, DAVID H CHILDREN'S HOSP AND HEALTH CTR SAN DIEGO, CALIF	74,809
R01 HD15808-01	LEARNING IN RETARDED AND LEARNING DISABLED CHILDREN CAMPIONE, JOSEPH C ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	80,743
R01 HD15822-02	CALCIUM BINDING PROTEIN OF CHORIOALLANTOIC MEMBRANE TUAN, ROCKY S PENNSYLVANIA, U OF PHILADELPHIA, PA	52,582
R01 HD15825-01	SOCIAL INFLUENCE IN THE TRANSITION TO SMOKING BIGLAN, ANTHONY OREGON RESEARCH INST EUGENE, ORE	200,965
R01 HD15838-02	GENETIC AND EPIDEMIOLOGIC STUDIES WITH MZ TWIN FAMILIES NANCE, WALTER E VIRGINIA COMMONWEALTH U RICHMOND, VA	265,086
R01 HD15844-02	NEUROBEHAVIORAL DEVELOPMENT IN HIGH RISK-INFANTS SHUCARD, DAVID W NATIONAL JEWISH HOSP AT DENVER DENVER, COLO	58,006
R01 HD15850-02	SPONTANEOUS ABORTION EPIDEMIOLOGY-STATISTICAL POWER LEVIN, BRUCE COLUMBIA U NEW YORK, N Y	34,802
R01 HD15861-01	FOLLOW-UP OF THE GROWTH AND DEVELOPMENT OF CHILDREN SEXTON, MARY J MARYLAND, U OF BALTIMORE, MD	203,318
R01 HD15864-02	NETWORK SUPPORTS & COPING DURING ADULT TRANSITIONS FISCHER, JUDITH L TEXAS TECH U LUBBOCK, TEX	81,370
R01 HD15865-02	LEARNING IN BRAIN-DAMAGED HUMAN INFANTS & ANIMALS BERNTSON, GARY G OHIO STATE U COLUMBUS, OHIO	44,091

R01 HD15873-02	MEMORY, COMPREHENSION, & MENTAL RETARDATION BILSKY, LINDA H TEACHERS COLLEGE NEW YORK, N Y	126,144
R01 HD15882-02	CONTROL OF HUMAN FETAL ADRENOCORTICAL DEVELOPMENT SIMONIAN, MICHAEL H IOWA, U OF IOWA CITY, IOWA	64,376
R01 HD15889-02	LACTOGEN RECEPTOR IN UTERUS AND OVARY DURING PREGNANCY GRISSOM, FELIX E HOWARD U WASHINGTON, D C	69,867
R01 HD15891-02	CHEMISTRY AND PHYSIOLOGY OF PLACENTAL LACTOGEN SHERWOOD, LOUIS M YESHIVA U NEW YORK, N Y	154,842
R01 HD15903-01	HYDROXYSTEROID DEHYDROGENASES IN HUMAN PLACENTAL CYTOSOL STRICKLER, RONALD C WASHINGTON U ST LOUIS, MO	60,427
R01 HD15906-02	HEMATOLOGIC NUTRITION IN THE PREMATURE INFANT GROSS, SAMUEL FLORIDA, U OF GAINESVILLE, FLA	84,620
R01 HD15909-01	THE EPIDEMIOLOGY OF EARLY REPRODUCTIVE LOSS KLINE, JENNIE K NEW YORK STATE PSYCHIATRIC INST NEW YORK, N Y	408,953
R01 HD15912-02	ENVIRONMENTAL AND HORMONAL FACTORS IN HIBERNATION GOLDMAN, BRUCE D WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	82,964
R01 HD15915-01A1	IRON DEFICIENCY ANEMIA: EFFECTS ON TISSUE METABOLISM MACKLER, BRUCE WASHINGTON, U OF SEATTLE, WASH	101,352
R01 HD15932-01	COMPREHENSION FAILURE IN CHILDREN ACKERMAN, BRIAN P DELAWARE, U OF NEWARK, DEL	15,260

R01 HD15945-01	LUNDGREN, DAVID W CASE WESTERN RESERVE U CLEVELAND, OHIO	88,723
R01 HD15951-01	DEVELOPMENTAL ASPECTS OF INFANT AUDITORY LOCALIZATION SULLIVAN, JOSEPH W COLORADO MEDICAL CTR, U OF DENVER, COLO	46,858
R01 HD15954-01	IMPROVED PREMATURE LABOR OUTCOME WITH LABOR SUPPORT COGAN, ROSEMARY TEXAS TECH U LUBBOCK, TEX	22,950
R01 HD15959-01	MATERNAL CONTRIBUTION TO EMBRYONIC SURVIVAL IN MICE ANDERSON, GARY B CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	61,638
R01 HD15964-01	A NEW APPROACH TO LANGUAGE COMPREHENSION GOLINKOFF, ROBERTA M DELAWARE, U OF NEWARK, DEL	71,512
R01 HD15968-01	NEONATAL ASSESSMENT: A PSYCHOPHYSIOLOGICAL APPROACH PORGES, STEPHEN W ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	97,874
R01 HD15973-01	TISSUE OXYGENATION AND MITOCHONDRIA RESPIRATORY ACTIVITY DELIVORIA-PAPADOPOULOS, MARI PENNSYLVANIA, U OF PHILADELPHIA, PA	121,639
R01 HD15985-01A1	EXTRACELLULAR MATRIX AND MORPHOGENETIC MECHANISMS LASH, JAMES W PENNSYLVANIA, U OF PHILADELPHIA, PA	136,442
R01 HD15986-01	THE ROLE OF METAL IONS IN LACTOSE SYNTHETASE ACTION KRONMAN, MARTIN J NEW YORK, STATE U OF SYRACUSE, N Y	92,554
R01 HD15997-01	GENETIC BASIS OF DOMINANCE & REPRODUCTION LENINGTON, SARAH RUTGERS, THE STATE U NEWARK, N J	13,615

R01 HD15999-01A1	ENDOCRINOLOGY OF THE TESTIS: FETAL AND NEONATAL ASPECTS WARREN, DWIGHT W, III LOS ANGELES COUNTY DEPT OF HOSP LOS ANGELES, CALIF	86,661
R01 HD16019-01	DEVELOPMENT AND INTEGRATION OF LEXICAL CODES TANENHAUS, MICHAEL K WAYNE STATE U DETROIT, MICH	43,242
R01 HD16022-02	STEROID HORMONES AND FETAL DEVELOPMENT RESKO, JOHN A OREGON, U OF HEALTH SCIENCE CTR PORTLAND, OREG	66,540
R01 HD16034-01	BIOPSYCHOSOCIAL DEVELOPMENT OF ADOLESCENT GIRLS RIERDAN, JILL E WELLESLEY COLL WELLESLEY, MASS	71,759
R01 HD16047-01	MOLECULAR BASES OF CONGENITAL ADRENAL HYPERPLASIAS MILLER, WALTER L CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	151,562
R01 HD16052-01	ENVIRONMENTAL INFLUENCES ON SELF-INJURIOUS BEHAVIOR IWATA, BRIAN A JOHN F KENNEDY INSTITUTE BALTIMORE, MD	82,612
R01 HD16061-01	DIETARY DEFICIENCY & ETHANOL IN NEURAL DEVELOPMENT RUTH, RUSSELL E ILLINOIS, U OF CHICAGO, ILL	52,392
R01 HD16077-02	INTEGRATED CONCENTRATION OF HORMONES IN GROWTH KOWARSKI, ALLEN A MARYLAND, U OF BALTIMORE, MD	144,562
R01 HD16078-01	GENE REGULATION IN TERATOCARCINOMA AND EMBRYONIC CELLS STRICKLAND, SIDNEY ROCKEFELLER U NEW YORK, N Y	116,139
R01 HD16080-01	HERPES SIMPLEX, PREGNANCY NEONATAL RISK, HOST DEFENSE YEAGER, ANNE S STANFORD U STANFORD, CALIF	132,808

R01 HD16086-01	CONTROL OF FETAL AND NEONATAL BREATHING RIGATTO, HENRIQUE MANITOBA, U OF WINNEPEG, CANADA	101,818
R01 HD16091-01	ORGANIZATION AND EXPRESSION OF MOUSE 1/T-COMPLEX GENES SILVER, LEE M COLD SPRING HARBOR LABORATORY COLD SPRING HARBO NEW YORK	186,453
R01 HD16094-01	POSTNATAL DEVELOPMENT OF BILE SALT TRANSPORT HEUBI, JAMES E CHILDRENS HOSP RESEARCH FDN CINCINNATI, OHIO	58,068
R01 HD16101-01	PREGNANCY, SEX STEROIDS, AND INTESTINAL MOTILITY SCOTT, LARRY D TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	58,577
R01 HD16102-01	FETAL LEARNING IN UTERO SMOTHERMAN, WILLIAM P OREGON STATE U CORVALLIS, OREG	36,884
R01 HD16103-01	REGULATION OF HORMONE SYNTHESIS BY BOVINE PLACENTA HANSEL, WILLIAM CORNELL U AT ITHACA ITHACA, N Y	101,888
R01 HD16118-01	SEXUAL DIFFERNTIATION MECHANISMS IN HAMSTER BRAIN VITO, CHRISTINE C CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	60,509
R01 HD16131-01A1	DEVELOPMENT OF INTESTINAL FUNCTION SUNSHINE, PHILIP STANFORD U STANFORD, CALIF	110,570
R01 HD16142-01	QUALITATIVE FEATURES OF SIBLING RELATIONSHIPS FURMAN, WYNDOL C DENVER, U OF DENVER, COLO	68,972
R01 HD16147-01	EXTRACELLULAR PROTEOGLYCANS IN EMBRYONIC CHONDROGENESIS VASAN, NAGASWAMISRI NEW JERSEY COLL OF MED & DENTISTRY NEWARK, N J	94,055

R01 HD16148-01	STEROIDS AND THE DIFFERENTIATION OF THE PREOPTIC AREA JACOBSON, CAROL D IOWA STATE U OF SCIENCE AND TECH AMES, IOWA	64,839
R01 HD16153-01	EXPERIMENTAL MATERNAL PHENYLKETONURIA LOO, YEN H INST FOR BASIC RES- MTL RETARDATION NEW YORK, N Y	65,207
R01 HD16159-01	MECHANISMS OF OXYTOCIN-INDUCED MATERNAL BEHAVIOR PRANGE, ARTHUR J, JR NORTH CAROLINA, U OF CHAPEL HILL, N C	84,154
R01 HD16164-01	CONSEQUENCES OF THE TRANSITION TO ADULTHOOD MARINI, MARGARET M BATTELLE MEMORIAL INST SEATTLE, WASH	152,254
R01 HD16173-01A1	MECHANISMS OF IMMUNE RESPONSE TO CMV IN CHILDREN GEHRZ, RICHARD C MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	69,318
R01 HD16191-01	PERINATAL LUNG PHOSPHOLIPIDS IN DIABETIC RAT OFFSPRING BESSMAN, SAMUEL P LOS ANGELES COUNTY DEPT OF HOSP LOS ANGELES, CALIF	43,254
R01 HD16195-01	INFANT SENSITIVITY TO KINEMATIC INFORMATION BERTENTHAL, BENNETT I VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	59,251
R01 HD16218-01	CONCOMITANTS OF GENDER-ROLE ORIENTATION KATZ, PHYLLIS A INST FOR RESEARCH ON SOCIAL PROBLEM BOULDER, COLO	88,455
R01 HD16231-02	BEHAVIOR, BIOLOGICAL CLOCKS AND HORMONES MORIN, LAWRENCE P LONG ISLAND RESEARCH INST STONY BROOK, N Y	45,678
R01 HD16241-02	GENERALIZED LANGUAGE & THOUGHT IN THE MENTALLY RETARDED BUTTERFIELD, EARL C WASHINGTON, U OF SEATTLE, WASH	170,503

R01 HD16259-01	NUCLEAR DETERMINATION & DIFFERENTIATION IN DEVELOPMENT ALLIS, CHARLES D BAYLOR COLL OF MEDICINE HOUSTON, TEX	87,157
R01 HD16262-01	HORMONAL CONTROL OF UTERINE ADRENOTROPIC RECEPTORS ROBERTS, JAMES M CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	94,119
R01 HD16263-02	ESTROGEN EXCRETION DURING PREGNANCY OF PRIMATES LASLEY, BILLY L SAN DIEGO ZOOLOGICAL SOCIETY SAN DIEGO, CALIF	79,234
R01 HD16268-01	DOSE EFFICIENCY OPTIMIZATION IN PEDIATRIC RADIOGRAPHY COHEN, GERALD TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	68,551
R01 HD16283-01	IMPRINTED CHANGES IN MAMMARY EPITHELIUM FROM PAROUS MICE BOLANDER, FRANKLYN F, JR SOUTH CAROLINA, U OF AT COLUMBIA COLUMBIA, S C	74,105
R01 HD16284-01	CAN BREECH BABIES BE SAFELY DELIVERED VAGINALLY? FORTNEY, JUDITH A INTERNATIONAL FERTILITY RESEARCH RESEARCH TRIANGLE PARK, N C	60,459
R01 HD16302-01	SOCIAL STRUCTURE AND TRANSITION TO FULL-TIME SCHOOLING ENTWISLE, DORIS R JOHNS HOPKINS U BALTIMORE, MD	127,037
R01 HD16303-02	EXPERIMENTAL STUDIES ON THE EMBRYOGENESIS OF THE MOUSE GEARHART, JOHN D JOHNS HOPKINS U BALTIMORE, MD	143,067
R01 HD16305-01	PUBERTY IN FEMALE RHESUS MONKEYS: HORMONAL MECHANISMS WILSON, MARK E EMORY U ATLANTA, GA	83,395
R01 HD16342-01	HUMAN PLACENTAL PERMEABILITY TO HYDROPHILIC MATERIALS THORNBURG, KENT L OREGON, U OF HEALTH SCIENCE CTR PORTLAND, OREG	85,147

R01 HD16368-01	REGULATION OF FETAL AND NEONATAL INTESTINAL OXYGENATION EDELSTONE, DANIEL I MAGEE-WOMENS HOSP PITTSBURGH, PA	87,221
R01 HD16373-01	SUCCESS OF SPEECH & SIGN LANGUAGE TRAINING FOR RETARDED RINCOVER, ARNOLD NORTH CAROLINA, U OF AT GREENSBORO GREENSBORO, N C	77,567
R01 HD16380-02	X-LINKED MR; MACRO-ORCHIDISM; FRAGILE XQ-MEDIUM EFFECTS HOWARD-PEEBLES, PATRICIA N TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	42,273
R01 HD16401-01	CELLULAR GROWTH OF SKELETAL MUSCLES: INFLUENCES OF DIET LAYMAN, DONALD K ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	45,337
R01 HD16405-01A1	DISCRIMINATION OF EMOTIONAL EXPRESSIONS IN INFANCY CARON, ROSE F GEORGE WASHINGTON U WASHINGTON, D C	65,021
R01 HD16411-01	ENERGY BALANCE IN OBESE CHILDREN: PARENTAL CONTRIBUTIONS EPSTEIN, LEONARD H PITTSBURGH, U OF PITTSBURGH, PA	95,828
R01 HD16437-01	MORPHOGENESIS OF PERIIMPLANTATION EMBRYOS WU, TSUNG-CHIEH HAHNEMANN MED COLL & HOSP OF PHILA PHILADELPHIA, PA	108,005
R01 HD16440-01	LIBRARY OF MONOCLONAL ANTIBODIES TO CELL SURFACES BODE, HANS R CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	54,543
R01 HD16465-01	TAURINE IN NUTRITION HAYES, KENNETH C HARVARD U BOSTON, MASS	108,095
R01 HD16481-01	HUMAN MILK AND IMMUNE DEVELOPMENT IN PREMATURE INFANTS BALLOW, MARK CONNECTICUT, U OF HEALTH CENTER FARMINGTON, CONN	124,168

R01 HD16484-01	VITAMIN A TRANSPORT DURING LACTATION ROSS, ALTA C PENNSYLVANIA, MEDICAL COLL OF PHILADELPHIA, PA	60,717
R01 HD16494-01	BEHAVIORAL AND HORMONAL RESPONSES TO STRESS IN NEWBORNS GUNNAR, MEGAN R MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	68,261
R01 HD16505-02	REGULATORY CELL BIOLOGY OF PROLACTIN TARGETS NOLIN, JANET M RICHMOND, U OF RICHMOND, VA	55,353
R01 HD16517-01	IMMUNOLOGICAL FACTORS IN PREGNANCY URINE MORSE, JANE H COLUMBIA U NEW YORK, N Y	123,343
R01 HD16519-01	MOLECULAR MECHANISMS OF SEX DETERMINATION MARSH, J LAWRENCE CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	88,126
R01 HD16547-02	EGG CYTOPLASMIC INFORMATION IN CELL DIFFERENTIATION WHITTAKER, J RICHARD BOSTON U BOSTON, MASS	128,837
R01 HD16549-01	EXTRACELLULAR MATRIX & CELL MIGRATION SOLURSH, MICHAEL IOWA, U OF IOWA CITY, IOWA	88,891
R01 HD16550-01	ANALYSES OF CELL SURFACE MOLECULES FROM EMBRYONIC TISSUE CUNNINGHAM, BRUCE A ROCKEFELLER U NEW YORK, N Y	146,302
R01 HD16578-02	THE DEVELOPMENT OF SCIENTIFIC REASONING SIEGLER, ROBERT S CARNEGIE-MELLON U PITTSBURGH, PA	84,938
R01 HD16584-02	GENETIC CONTROL OF THE STRUCTURE OF HUMAN PROTEINS BOWMAN, BARBARA H TEXAS, U OF SAN ANTONIO, TEX	132,638

R01 HD16591-01	PERCEPTUAL BASES FOR STRESS-TIMING IN ENGLISH FOWLER, CAROL A HASKINS LABORATORIES NEW HAVEN, CONN	102,142
R01 HD16592-03	MECHANISMS OF POSTNATAL ENZYME DEVELOPMENT FEIGELSON, MURIEL H ST LUKES-ROOSEVELT INST FOR HLTH NEW YORK, N Y	168,838
R01 HD16593-02	REGULATION OF HUMAN ESTROGEN SYNTHETASE BELLINO, FRANCIS L NEW YORK, STATE U OF BUFFALO, N Y	96,843
R01 HD16595-02	GENE CONVERSION BETWEEN HUMAN FETAL GLOBIN GENES SLIGHTOM, JERRY L WISCONSIN, U OF MADISON, WIS	103,024
R01 HD16600-01	GENETIC AND BIOCHEMICAL STUDIES IN GLUTARIC ACIDEMIAS GOODMAN, STEPHEN I COLORADO MEDICAL CTR, U OF DENVER, COLO	59,115
R01 HD16619-01	FETO-MATERNAL HORMONE SECRETION BY PERFUSED PLACENTAS GURPIDE, ERLIO NEW YORK, CITY U OF NEW YORK, N Y	71,320
R01 HD16659-01	ISOLATION OF HUMAN X CHROMOSOME DNA GARTLER, STANLEY M WASHINGTON, U OF SEATTLE, WASH	123,349
R01 HD16663-01	CONTROL OF SHAPE AND PATTERN IN EMBRYONIC DEVELOPMENT HELD, LEWIS I, JR CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	51,686
R01 HD16679-01	HORMONES, BEHAVIOR AND FEMALE REPRODUCTIVE STRATEGIES CARTER, C S ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	63,826
R01 HD16702-01	DEVELOPMENT OF NERVOUS SYSTEM O'RAHILLY, RONAN CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	121,156

R01 HD16712-01	PROCESSES OF LEARNING AND MEMORY IN INFANCY JOHANSON, INGRID B FLORIDA ATLANTIC U BOCA RATON, FLA	36,611
R01 HD16720-01	GENE TRANSCRIPTION IN HORMONE DEPENDENT DIFFERENTIATION SHAPIRO, DAVID J ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	105,694
R01 HD16721-01	EXTRACELLULAR MATRIX IN MAMMARY GROWTH & DIFFERENTIATION WICHA, MAX S MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	90,221
R01 HD16739-01	GENETIC CONTROL OF MICROTUBULE FUNCTION IN DEVELOPMENT RAFF, ELIZABETH C INDIANA U BLOOMINGTON, IND	153,342
R01 HD16740-01	THE MYOGENIC CELL SURFACE STOCKDALE, FRANK E STANFORD U STANFORD, CALIF	173,897
R01 HD16751-01	FAMILY EFFECTS ON CHILD DEVELOPMENT POLLAK, ROBERT A PENNSYLVANIA, U OF PHILADELPHIA, PA	81,010
R01 HD16782-01	MOLECULAR MAPPING OF THE HUMAN SEX CHROMOSOMES SINISCALCO, MARCELLO SLOAN-KETTERING INST FOR CANCER RES NEW YORK, N Y	138,449
R01 HD16788-01	CYTOGENETICS AND ULTRASTRUCTURE OF MAMMALIAN OOCYTES MC GAUGHEY, ROBERT W ARIZONA STATE U TEMPE, ARIZ	73,690
R01 HD16791-01	DIFFERENTIATION OF NEURAL CREST CELLS TRIPLETT, EDWARD L CALIFORNIA, U OF AT SANTA BARBARA SANTA BARBARA, CALIF	75,597
R01 HD16821-01	CHILDHOOD CHRONIC ILLNESS AND THE FAMILY: A FOLLOW-UP BRESLAU, NAOMI CASE WESTERN RESERVE U CLEVELAND, OHIO	132,066

R01 HD16827-01	FETAL HEAT PRODUCTION AND TEMPERATURE REGULATION POWER, GORDON G LOMA LINDA U LOMA LINDA, CALIF	109,222
R01 HD16832-01	CONGENITAL CMV INFECTION & IMMUNE DEVELOPMENT GRIFFITH, BRIGITTE P YALE U NEW HAVEN, CONN	93,101
R01 HD16834-01	STEREOTYPED BEHAVIOR AND THIORIDAZINE PHARMACODYNAMICS SCHROEDER, STEPHEN R NORTH CAROLINA, U OF CHAPEL HILL, N C	89,109
R01 HD16882-01	PRENATAL HORMONES & SEXUAL DIFFERENTIATION OF THE BRAIN GROSS, DOUGLAS S CALIFORNIA, U OF AT DAVIS DAVIS, CALIF	53,836
R01 HD16884-01	IMMUNOBIOLOGY AND IMMUNICHEMISTRY OF MOUSE T/T ANTIGENS ARTZT, KAREN SLOAN-KETTERING INST FOR CANCER RES NEW YORK, N Y	57,705
R01 HD16898-01	GLYCOSAMINOGLYCANS: EFFECTS ON MUSCLE DEVELOPMENT TEPPPERMAN, KATHERINE G CINCINNATI, U OF CINCINNATI, OHIO	68,073
R01 HD16899-01	EFFECT OF PREGNANCY-INDUCED GROWTH ON THE UTERINE ARTERY FULLER, ELLEN O PENNSYLVANIA, U OF PHILADELPHIA, PA	110,554
R01 HD16933-01	FOLIC ACID IN PREGNANCY AND THE NEONATAL PERIOD THENEN, SHIRLEY W HARVARD U BOSTON, MASS	106,387
R01 HD16945-01	EARLY DEVELOPMENT IN SPATIAL COGNITION SOPHIAN, CATHERINE H CARNEGIE-MELLON U PITTSBURGH, PA	55,652
R01 HD16956-01	EARLY PREGNANCY FACTOR - ITS ROLE IN REPRODUCTION ROBERTS, TIMOTHY K NEWCASTLE, U OF NEWCASTLE AAUSTRALIA	54,815

R01 HD17000-01	IMMUNOCYTOCHEMICAL PROBES FOR ISOACTINS LESSARD, JAMES L CHILDRENS HOSP RESEARCH FDN CINCINNATI, OHIO	135,273
R01 HD17014-02	CONTROL OF GENE EXPRESSION IN MYOGENIC DIFFERENTIATION HARPOLD, MICHAEL M SALK INST FOR BIOLOGICAL STUDIES SAN DIEGO, CALIF	42,924
R01 HD17018-01	MOLECULAR ANALYSES OF MUTANT ANOPHTHALMIC WHITE HAMSTERS ASHER, JAMES H, JR MICHIGAN STATE U EAST LANSING, MICH	63,604
R01 HD17031-01	ORGANIZATION AND REGULATION OF THE HUMAN ACTIN GENES KEDES, LAURENCE H STANFORD U STANFORD, CALIF	130,830
R01 HD17043-01	HYDROXYSTEROID DEHYDROGENASES AND FETAL DEVELOPMENT MONDER, CARL POPULATION COUNCIL, THE NEW YORK, N Y	55,258
R01 HD17049-02	H-Y ANTIGEN IN HUMANS WITH SEX-CHROMOSOMAL ANOMALIES WACHTEL, STEPHEN S CORNELL U MED CTR NEW YORK, N Y	129,186
R01 HD17060-01	BIOCHEMISTRY OF MUSCLE MORPHOGENESIS TURNER, DAVID C NEW YORK, STATE U OF SYRACUSE, N Y	114,683
R01 HD17061-01	LYMPHOID DEVELPMENT, ENZYME EFFECTS AND IMMUNODEFICIENCY BARTON, RANDALL W CONNECTICUT, U OF HEALTH CENTER FARMINGTON, CONN	61,405
R01 HD17063-01	AUTONOMIC INTERACTIONS IN DEVELOPING HEART KIRBY, MARGARET L GEORGIA, MEDICAL COLL OF AUGUSTA, GA	53,341
R01 HD17067-01	THE DEVELOPMENT OF CONSCIENCE, GUILT AND MORALITY SHWEDER, RICHARD A CHICAGO, U OF CHICAGO, ILL	173,274

R01 HD17128-03	CHEMICAL CHARACTERIZATION OF THE H-Y ANTIGEN CLARK, BRIAN R CITY OF HOPE RESEARCH INST DUARTE, CALIF	85,949
R01 HD17423-01	PERCEPTION OF SYMMETRY IN INFANCY BORNSTEIN, MARC H NEW YORK U NEW YORK, N Y	67,979
R01 HD17424-01	ADVERSE IMMUNE RESPONSE IN KIDNEY INFECTION OF PREGNANCY THOMAS, VIRGINIA L TEXAS, U OF SAN ANTONIO, TEX	36,581
R01 HD17427-16	DEVELOPMENTAL AND GENETIC DEFECTS OF IMMUNITY WEDGWOOD, RALPH J WASHINGTON, U OF SEATTLE, WASH	99,313
R01 HD17430-01	PUBERTAL CHANGES IN ESTRADIOL METABOLISM IN PRIMATES HOTCHKISS, JULANE TEXAS, U OF HLTH SCIENCE CTR HOUSTON, TEX	61,588
R01 HD17457-01	ORIGINS AND DEVELOPMENT OF INGESTIVE BEHAVIOR HALL, WARREN G DUKE U DURHAM, N C	28,191
R01 HD17458-01	REWARD AND LEARNING MECHANISMS IN INFANCY HALL, WARREN G DUKE U DURHAM, N C	20,239
R01 HD17475-01	REGULATION OF DRUG METABOLISM DURING DEVELOPMENT SONAWANE, BABASAHEB R PENNSYLVANIA, U OF PHILADELPHIA, PA	94,084
R01 HD17607-01	ULTRASTRUCTURAL STUDIES OF DROPSOPHILA DEVELOPMENT MAHOWALD, ANTHONY P CASE WESTERN RESERVE U CLEVELAND, OHIO	48,481
R01 HD17608-01	MECHANISM OF CELLULAR DETERMINATION BY GERM PLASM MAHOWALD, ANTHONY P CASE WESTERN RESERVE U CLEVELAND, OHIO	79,841

R01 HD17655-01	LONG-TERM CONSEQUENCES OF PRENATAL EXPOSURE TO HORMONES REINISCH, JUNE M INDIANA U BLOOMINGTON, IND	204,330
R01 HD17665-01	FLOW KARYOTYPING: OPTIMIZATION AND CLINICAL EVALUATION GRAY, JOE W CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	162,679
R01 HD17673-01	CLOSTRIDIAL TOXINS AS CAUSES OF SUDDEN INFANT DEATH CHIN, JAMES CALIFORNIA PUBLIC HLTH FOUNDATION BERKELEY CALIFORNIA	317,502
R13 HD00041-01	TWELFTH INTERNATIONAL CONGRESS OF BIOCHEMISTRY MEISTER, ALTON AMERICAN SOCIETY OF BIOLOGICAL CHEM BETHESDA MARYLAND	5,000
R13 HD16197-01	EPITHELIAL-MESENCHYMAL INTERACTIONS IN DEVELOPMENT SAWYER, ROGER H AMERICAN SOCIETY OF ZOOLOGISTS THOUSAND OAKS, CALIF	2,075
R13 HD17575-01	PERINATAL RESEARCH SOCIETY - ANNUAL MEETING SUNSHINE, PHILIP STANFORD U STANFORD, CALIF	10,000
R22 HD11844-0351	EFFECT OF OPSONINS REPLACEMENT IN SEVERE MALNUTRITION TORUN, BENJAMIN PAN AMERICAN HEALTH ORG - INCAP GUATEMALA CITY, GUATEMALA	5,275
R22 HD15515-02	IRON NUTRITURE AND THE DEVELOPMENT OF IMMUNOCOMPETENCE SHERMAN, ADRIA R ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	42,343
R23 HD14567-02	GENE EXPRESSION OF HUMAN CHROMOSOME 21 SCOGGIN, CHARLES H COLORADO MEDICAL CTR, U OF DENVER, COLO	43,114
R23 HD14797-02	PRENATAL VACCINATION TO GROUP B STREPTOCOCCAL DISEASE ROTE, NEAL S, JR UTAH, U OF SALT LAKE CITY, UTAH	43,982

R23 HD14918-02	COMMUNICATION & COGNITION:AN INTERSPECIFIC INVESTIGATION MILES, H LYN TENNESSEE, U OF AT CHATTANOOGA CHATTANOOGA, TENN	55,871
R23 HD14953-02	EFFECTS OF MALNUTRITION ON LACTATION PERFORMANCE RASMUSSEN, KATHLEEN M CORNELL U AT ITHACA ITHACA, N Y	50,803
R23 HD15073-02	ENDOGENOUS OPIOIDS AND SEXUAL DEVELOPMENT BLANK, MICHAEL S EMORY U ATLANTA, GA	48,599
R23 HD15245-02	SEXUAL BRAIN DIMORPHISM: DEVELOPMENTAL STUDIES DE VOOGD, TIMOTHY J ROCKEFELLER U NEW YORK, N Y	21,993
R23 HD15328-02	SOCIAL PROBLEM-SOLVING SKILLS OF PRESCHOOL CHILDREN LYONS-RUTH, KARLEN NORTH CHARLES MTL HLTH RES AND TRNG CAMBRIDGE MASSACHUSETTS	35,365
R23 HD15400-02	MORPHOLOGICAL ANALYSIS OF MAMMALIAN GASTRULATION BABIARZ, BRUCE S RUTGERS, THE STATE U NEW BRUNSWICK, N J	50,333
R23 HD15410-01A1	GAP JUNCTIONS IN PATTERN REGULATION AND GROWTH CONTROL RYERSE, JAN S ST LOUIS U ST LOUIS, MO	46,453
R23 HD15557-02	MATERNAL INFANT TRANSFER OF CELL MEDIATED IMMUNITY REUMAN, PETER D FLORIDA, U OF GAINESVILLE, FLA	51,140
R23 HD15619-01A1	STRESS AND CARDIOVASCULAR FUNCTION DURING PREGNANCY HATTON, DANIEL C OREGON, U OF HEALTH SCIENCE CTR PORTLAND, OREG	46,560
R23 HD15663-02	MEMBRANE GLYCOPROTEINS/CELL-SUBSTRATUM ADHESION KNUDSEN, KAREN A WISTAR INST OF ANATOMY & BIOLOGY PHILADELPHIA, PA	63,236

R23 HD15732-02	MODIFICATION OF INFANT RESPIRATORY OSCILLATION AND APNEA WAGGENER, THOMAS B BOSTON HOSP FOR WOMEN BOSTON, MASS	43,316
R23 HD15763-02	METABOLISM OF 1,25 (OH)2 VITAMIN D3 DURING PREGNANCY LESTER, GAYLE E NORTH CAROLINA, U OF CHAPEL HILL, N C	43,687
R23 HD15773-02	HUMAN PLACENTAL RELAXIN-ULTRASTRUCTURAL LOCALIZATION FIELDS, PHILLIP A SOUTH ALABAMA, U OF MOBILE, ALA	43,665
R23 HD15834-02	MODIFYING OXYGEN SUPPLY IN THE HYPOXIC NEWBORN LISTER, GEORGE YALE U NEW HAVEN, CONN	60,480
R23 HD16196-01A1	IMMUNOLOGIC CHARACTERIZATION OF HUMAN COLOSTRAL CELLS CRAGO, SYLVIA S ALABAMA, U OF BIRMINGHAM, ALA	44,202
R23 HD16219-02	YOLK PROTEIN GENE EXPRESSION DURING OOGENESIS BARNETT, THOMAS R NEW YORK, STATE U OF ALBANY, N Y	44,239
R23 HD16311-01	TESTICULAR-PITUITARY INTERACTIONS AT PUBERTY NAZIAN, STANLEY J SOUTH FLORIDA, U OF TAMPA, FLA	49,919
R23 HD16329-01	EFFECTS OF PERINATAL CANNABINOID EXPOSURE IN MICE DALTERIO, SUSAN L TEXAS, U OF SAN ANTONIO, TEX	48,960
R23 HD16346-01	GENERALIZED OBJECT CONCEPT LEARNING BY RETARDED CHILDREN HUPP, SUSAN C VANDERBILT U NASHVILLE, TENN	46,557
R23 HD16399-01	ENERGY BALANCE AND TRANSFORMATIONS IN THE NEWBORN MARKS, KEITH H PENNSYLVANIA STATE U MED COLL HERSHEY, PA	46,896

R23 HD16425-01	SUCROSE INTAKE AND NUTRITIONAL EFFECTS ON CHILD BEHAVIOR PRINZ, RONALD J SOUTH CAROLINA, U OF AT COLUMBIA COLUMBIA, S C	46,895
R23 HD16445-01	HORMONAL CONTROL OF UTERINE FUNCTION IN PREGNANCY DOWNING, SANDRA J ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	38,775
R23 HD16492-01	IMMUNOCHEMICAL ANALYSIS OF ESTROPHILIN IN MAMMARY GLAND ALLEN, THOMAS C LOUISVILLE, U OF LOUISVILLE, KY	48,296
R23 HD16512-01	OLIGOSYNDACTYLY A MUTATION AFFECTING DEVELOPMENT MAGNUSON, TERRY R CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	43,520
R23 HD16523-01	IMMUNE RESPONSES INDUCED BY INTRAUTERINE IMMUNIZATION LANDE, ILENE J IOWA, U OF IOWA CITY, IOWA	43,546
R23 HD16727-01	THE CHOLINE CONTENT OF MILK ZEISEL, STEVEN H BOSTON U BOSTON, MASS	57,170
R23 HD16844-01	ADOLESCENT SOCIAL NETWORKS AS PREDICTORS OF DEVELOPMENT COATES, DEBORAH L CATHOLIC U OF AMERICA WASHINGTON, D C	48,153
R23 HD16850-01	CYTOGENETIC STUDY OF FRAGILE-X-LINKED MENTAL RETARDATION GLOVER, THOMAS W SOUTHWEST BIOMEDICAL RESEARCH INST TEMPE, ARIZ	67,500
R23 HD16907-01	THE ONOTEGENY OF HEPATIC BILE ACID TRANSPORT SUCHY, FREDRICK J CHILDRENS HOSP RESEARCH FDN CINCINNATI, OHIO	55,195
R23 HD16908-01	EFFECTS OF NUTRITION ON NEONTAL INTESTINAL METABOLISM KIMURA, ROBERT E YALE U NEW HAVEN, CONN	57,254

R23 HD16974-01	ENERGY BALANCE AND GROWTH OF SMALL PREMATURE INFANTS BELL, EDWARD F IOWA, U OF IOWA CITY, IOWA	45,450
R23 HD17029-01	CONSEQUENCES OF NATURAL VARIATION IN EARLY EXPERIENCE BYERS, JOHN A IDAHO, U OF MOSCOW, IDAHO	43,238
R23 HD17456-02	HORMONAL REGULATION OF AGGRESSION IN MICE SIMON, NEAL G CALIFORNIA, U OF AT RIVERSIDE RIVERSIDE, CALIF	46,238
R23 HD17746-01	SEXUAL BRAIN DIMORPHISM: COMPARATIVE DEVELOPMENT DE VOOGD, TIMOTHY J CORNELL U AT ITHACA ITHACA, N Y	25,718
506 HD08016-12	ACTIN REGULATION IN EARLY SEA URCHIN DEVELOPMENT LITTLETON, GEORGE K HOWARD U WASHINGTON, D C	40,410
506 HD08066-12	REINFORCER & TEMPORAL PARAMETERS IN ASSOCIATIVE LEARNING FLIPPO, JOSEPH R NEW MEXICO HIGHLANDS UNIVERSITY LAS VEGAS NEW MEXICO	36,447
506 HD08079-09S1	EFFECTS OF HEAVY METAL ON CHILD DEVELOPMENT ROBERT W THATCHER MARYLAND, U OF PRINCESS ANNE, MD LAS VEGAS NEW MEXICO	30,107
506 HD08125-09	THE BIOCHEMISTRY AND PHYSIOLOGY OF RELAXIN GREENWOOD, FREDERICK C HAWAII, U OF HONOLULU, HAWAII	9,537
506 HD08125-09	NEONATAL INTRACRANIAL HEMORRHAGES AND DEVELOPMENT GREENWOOD, FREDERICK C HAWAII, U OF HONOLULU, HAWAII	9,537
506 HD08140-09	THYROID FUNCTION & FETAL PULMONARY ENZYME ACTIVITY ALFRED, LAWRENCE J CHARLES R DREW POSTGRAD MED SCHOOL LOS ANGELES, CALIF	43,639

S06 HD08153-07	ANDROGEN SENSITIVITY AS A FACTOR IN IMMUNOCOMPETENCE COHN, DEIRDRE A NEW YORK, CITY U OF NEW YORK, N Y	117,359
T32 HD07000-08	GROWTH AND DEVELOPMENT WINICK, MYRON COLUMBIA U NEW YORK, N Y	148,169
T32 HD07009-08	GROWTH AND DEVELOPMENT DORFMAN, ALBERT CHICAGO, U OF CHICAGO, ILL	166,133
T32 HD07013-06	PERINATAL BIOLOGY FISHER, DELBERT A LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	83,917
T32 HD07029-08	DEVELOPMENTAL MECHANISMS UNDERLYING CONGENITAL DEFECTS BRYANT, SUSAN V CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	85,792
T32 HD07032-05S1	MENTAL RETARDATION BUCHWALD, NATHANIEL A CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	82,175
T32 HD07053-08	HUMAN DEVELOPMENTAL BIOLOGY SPITZER, ADRIAN YESHIVA U NEW YORK, N Y	107,460
T32 HD07072-07	DEVELOPMENTAL PHARMACOLOGY VERNADAKIS, ANTONIA O COLORADO MEDICAL CTR, U OF DENVER, COLO	32,570
T32 HD07084-05	PERINATAL BIOLOGY BISSONNETTE, JOHN M OREGON, U OF HEALTH SCIENCE CTR PORTLAND, OREG	76,180
T32 HD07091-05	RESEARCH TRAINING PROGRAM IN PEDIATRIC ENDOCRINOLOGY CLAYTON, GEORGE W BAYLOR COLL OF MEDICINE HOUSTON, TEX	22,556

T32 HD07094-06	PERINATAL MEDICINE GROSS, IAN YALE U NEW HAVEN, CONN	83,467
T32 HD07104-06	NORMAL AND ABNORMAL DEVELOPMENT SINGER, MARCUS CASE WESTERN RESERVE U CLEVELAND, OHIO	159,995
T32 HD07105-06	MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES DESNICK, ROBERT J NEW YORK, CITY U OF NEW YORK, N Y	100,365
T32 HD07107-06	INHERITED METABOLIC DISEASES AND MENTAL RETARDATION SEGAL, STANTON CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	109,051
T32 HD07109-05S1	DEVELOPMENTAL PSYCHOLOGY HAGEN, JOHN W MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	64,219
T32 HD07118-05	DEVELOPMENTAL BIOLOGY AUERBACH, ROBERT WISCONSIN, U OF MADISON, WIS	152,917
T32 HD07132-05	NEONATAL RESPIRATORY RESEARCH FANAROFF, AVROY A CASE WESTERN RESERVE U CLEVELAND, OHIO	18,626
T32 HD07136-05	DEVELOPMENTAL BIOLOGY GOLDWASSER, EUGENE CHICAGO, U OF CHICAGO, ILL	149,916
T32 HD07149-05	CONGENITAL DEFECTS: STRUCTURAL, METABOLIC, BEHAVIORAL SLAYMAN, CAROLYN W YALE U NEW HAVEN, CONN	132,848
T32 HD07151-05	HUMAN LEARNING OVERMIER, JAMES B MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	162,847

T32 HD07152-05	CELL DIFFERENTIATION HOLTZER, HOWARD PENNSYLVANIA, U OF PHILADELPHIA, PA	113,185
T32 HD07154-04	DEVELOPMENTAL BIOLOGY OF HORMONAL RESPONSE SYSTEMS SHAPIRO, LUCILLE YESHIVA U NEW YORK, N Y	93,238
T32 HD07162-04	PERINATOLOGY PHIBBS, RODERIC H CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	62,707
T32 HD07172-04	ABNORMAL BIOLOGIC DEVELOPMENT AND MENTAL RETARDATION KELLEY, VINCENT C WASHINGTON, U OF SEATTLE, WASH	65,940
T32 HD07173-04	DEVELOPMENTAL AND CHILD PSYCHOLOGY HOROWITZ, FRANCES D KANSAS, U OF AT LAWRENCE LAWRENCE, KANS	144,341
T32 HD07176-04	PSYCHOLOGY DETTERMAN, DOUGLAS K CASE WESTERN RESERVE U CLEVELAND, OHIO	72,276
T32 HD07178-04	MENTAL RETARDATION MC KINNEY, JAMES D NORTH CAROLINA, U OF CHAPEL HILL, N C	108,107
T32 HD07180-04	DEVELOPMENTAL BIOLOGY GALL, JOSEPH G YALE U NEW HAVEN, CONN	243,813
T32 HD07181-04	DEVELOPMENTAL PSYCHOLOGY LANGER, JONAS CALIFORNIA, U OF AT BERKELEY BERKELEY, CALIF	102,949
T32 HD07183-04	DEVELOPMENTAL BIOLOGY WHITELEY, ARTHUR H WASHINGTON, U OF SEATTLE, WASH	103,023

T32 HD07184-04	MENTAL RETARDATION BORKOWSKI, JOHN G NOTRE DAME, U OF NOTRE DAME, IND	50,471
T32 HD07185-04	DEVELOPMENTAL IMMUNOLOGY BELLANTI, JOSEPH A GEORGETOWN U WASHINGTON, D C	34,987
T32 HD07186-04	PERINATAL MEDICINE BATTAGLIA, FREDERICK C COLORADO MEDICAL CTR, U OF DENVER, COLO	76,243
T32 HD07190-04	PHYSIOLOGY OF REPRODUCTION MACDONALD, PAUL C TEXAS, U OF HLTH SCIENCE CTR DALLAS, TEX	169,737
T32 HD07192-04	EARLY DEVELOPMENT EMERSON, CHARLES P, JR VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	127,980
T32 HD07194-04	MENTAL RETARDATION MACEACHRON, ANN E BRANDEIS U WALTHAM, MASS	111,596
T32 HD07196-04	HUMAN DEVELOPMENT NELSON, KATHERINE NEW YORK, CITY U OF NEW YORK, N Y	108,692
T32 HD07197-04	CELL BIOLOGY OF DEVELOPMENTAL ANOMALIES PATTERSON, DAVID COLORADO MEDICAL CTR, U OF DENVER, COLO	49,754
T32 HD07200-04	PERINATOLOGY KLEINMAN, LEONARD I CINCINNATI, U OF CINCINNATI, OHIO	26,474
T32 HD07201-04	MENTAL RETARDATION INTERDISCIPLINARY RESEARCH LIPTON, MORRIS A NORTH CAROLINA, U OF CHAPEL HILL, N C	87,948

T32 HD07205-03	BASIC AND APPLIED CHILD DEVELOPMENT PARKE, ROSS D ILLINOIS, U OF AT URBANA-CHAMPAIGN URBANA, ILL	108,833
T32 HD07215-02	PERINATAL BIOLOGY LONGO, LAWRENCE D LOMA LINDA U LOMA LINDA, CALIF	46,086
T32 HD07216-01S1	THE BIOLOGY OF DEVELOPING SYSTEMS SOLURSH, MICHAEL IOWA, U OF IOWA CITY, IOWA	8,359
T32 HD07226-04	MENTAL RETARDATION--BEHAVIORAL BROOKS, PENELOPE H VANDERBILT U NASHVILLE, TENN	128,848
T32 HD07230-01A1	RESEARCH IN DEVELOPMENTAL ENDOCRINOLOGY & METABOLISM ANAST, CONSTANTINE S CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	68,170
T32 HD07232-01	PERINATAL BIOLOGY OH, WILLIAM RHODE ISLAND HOSP PROVIDENCE, R I	86,836
T32 HD07233-02	ACADEMIC PEDIATRIC INFECTIOUS DISEASE SMITH, ARNOLD L CHILDRENS ORTHOPEDIC HOSP & MED CTR SEATTLE, WASH	42,850
T32 HD07244-01	DEVELOPMENT BIOLOGY TRAINING PROGRAM WESSELLS, NORMAN K STANFORD U STANFORD, CALIF	93,230
T32 HD07245-01	CHILD HEALTH AND DEVELOPMENTAL BIOLOGY IMAGAWA, DAVID T LOS ANGELES COUNTY HLTH SER DEPT TORRANCE, CALIF	87,890
T32 HD07249-01	NEONATAL BIOLOGY BERNFIELD, MERTON R STANFORD U STANFORD, CALIF	20,961

T35 HD07098-06	EMBRYOLOGY GROSS, PAUL R MARINE BIOLOGICAL LAB WOODS HOLE, MASS	52,380
T35 HD07220-03	SHORT-TERM TRAINING: STUDENTS IN PROFESSIONAL SCHOOLS SONNENBLICK, EDMUND H YESHIVA U NEW YORK, N Y	50,330
Y01 HD81036-04	NATIONAL NATALITY AND FETAL MORTALITY SURVEYS KRETCHMER, NORMAN US HEALTH RESOURCES ADMIN HYATTSVILLE, MD	15,000
Z01 HD00012-06	DEVELOPMENT OF MASTERY MOTIVATION IN INFANTS L J YARROW HHS-NIH BETHESDA, MD	101,600
Z01 HD00013-06	MOTHER-INFANT RELATIONSHIP & SOCIO-EMOTIONAL DEVELOPMENT R P KLEIN HHS-NIH BETHESDA, MD	44,450
Z01 HD00014-06	PSYCHOLOGICAL ASPECTS OF CHILDBEARING R P KLEIN HHS-NIH BETHESDA, MD	76,200
Z01 HD00015-05	PARENT-INFANT INTERACTION AFTER CESAREAN DELIVERY F A PEDERSEN HHS-NIH BETHESDA, MD	69,850
Z01 HD00016-05	INTEGRATION OF CHILD CARE AND WORK ROLES F A PEDERSEN HHS-NIH BETHESDA, MD	95,249
Z01 HD00019-04	MASTERY MOTIVATION & SOCIAL COMPETENCE IN DOWN SYNDROME P M VIETZE HHS-NIH BETHESDA, MD	19,050
Z01 HD00022-09	RENIN-ANGIOTENSIN SYSTEM & ALDOSTERONE REGULATION K J CATT HHS-NIH BETHESDA, MD	433,396

Z01 HD00031-09	HORMONAL INTERRELATIONSHIPS IN PRIMATES G D HODGEN HHS-NIH BETHESDA, MD	54,489
Z01 HD00032-09	STRUCTURE & FUNCTION OF PROTEINS JACK S COHEN HHS-NIH BETHESDA, MD	218,622
Z01 HD00041-07	CARDIOVASCULAR EFFECTS OF THYROID, HORMONES AND DRUGS D RODBARD HHS-NIH BETHESDA, MD	86,678
Z01 HD00047-13	BIOCHEMICAL STUDIES OF NEURONAL CELLS IN CELL CULTURE E A NEAL HHS-NIH BETHESDA, MD	252,467
Z01 HD00048-08	TRANSCRIPTION LEVEL CONTROL OF NEUROBIOLOGIC PHENOMENA B K SCHRIER HHS-NIH BETHESDA, MD	112,708
Z01 HD00053-14	INFO PROCESSING IN CENTRAL AUDITORY SYSTEM D SYMMES HHS-NIH BETHESDA, MD	22,541
Z01 HD00054-08	ANALYSIS OF VOCAL COMMUNICATION IN MONKEYS J D NEWMAN HHS-NIH BETHESDA, MD	157,790
Z01 HD00056-07	REGULATION OF MSH SYNTHESIS AND RELEASE Y P LOH HHS-NIH BETHESDA, MD	94,674
Z01 HD00058-07	PEPTIDE BIOSYNTHESIS IN VERTEBRATE NERVOUS SYSTEM H GAINER HHS-NIH BETHESDA, MD	112,708
Z01 HD00062-06	BRAIN MECHANISMS OF VOCAL PRODUCTION IN MONKEYS J D NEWMAN HHS-NIH BETHESDA, MD	67,626

Z01 HD00064-06	NEURONS AND GLIA FROM MAMMALIAN CNS P G NELSON HHS-NIH BETHESDA, MD	653,710
Z01 HD00066-12	CONTROL MECHANISMS IN TEMPERATE BACTERIOPHAGE R WEISBERG HHS-NIH BETHESDA, MD	255,992
Z01 HD00067-14	INTEGRATIVE CONTROL OF MACROMOLECULAR SYNTHESIS MICHAEL CASHEL HHS-NIH BETHESDA, MD	297,883
Z01 HD00068-11	FACTORS INFLUENCING GENETIC TRANSCRIPTION ROBERT L CROUCH HHS-NIH BETHESDA, MD	209,450
Z01 HD00069-10	REPLICATION OF ANIMAL RNA VIRUSES JUDITH G LEVIN HHS-NIH BETHESDA, MD	232,721
Z01 HD00070-22	MORPHOGENESIS OF ANIMAL VIRUSES JACOB V MAIZEL HHS-NIH BETHESDA, MD	511,987
Z01 HD00071-10	STUDY OF ADENOVIRUS GENE FUNCTIONS H WESTPHAL HHS-NIH BETHESDA, MD	390,970
Z01 HD00073-11	ANTIBODY RESPONSE AT THE CELLULAR LEVEL EDGAR E HANNA HHS-NIH BETHESDA, MD	260,647
Z01 HD00074-11	GENE EXPRESSION DURING DEVELOPMENT P LEDER HHS-NIH BETHESDA, MD	451,477
Z01 HD00093-08	MECHANISM OF ACTION OF NERVE GROWTH FACTOR G GUROFF HHS-NIH BETHESDA, MD	450,832

Z01 HD00094-12	REGULATION OF NEUROENDOCRINE METABOLISM D C KLEIN HHS-NIH BETHESDA, MD	202,875
Z01 HD00095-12	REGULATION OF NEUROENDOCRINE METABOLISM D C KLEIN HHS-NIH BETHESDA, MD	157,790
Z01 HD00096-12	NEUROENDOCRINE METABOLISM INTRACELLULAR MECHANISMS D C KLEIN HHS-NIH BETHESDA, MD	247,957
Z01 HD00097-12	REG OF NEUROENDOCRINE METABOLISM: MELATONIN PHYSIOLOGY D C KLEIN HHS-NIH BETHESDA, MD	202,875
Z01 HD00126-08	DEVELOPMENTAL BIOLOGY R E ULANE HHS-NIH BETHESDA, MD	203,234
Z01 HD00131-08	HUMAN BIOCHEMICAL GENETICS J D SCHULMAN HHS-NIH BETHESDA, MD	1,066,984
Z01 HD00133-05	STUDY OF TYPE II GLYCOGENOSES J B SIDBURY HHS-NIH BETHESDA, MD	228,639
Z01 HD00134-05	OBESITY IN CHILDREN WITH PRADER-WILLI SYNDROME J B SIDBURY HHS-NIH BETHESDA, MD	228,639
Z01 HD00135-05	DEVELOPMENTAL ENDOCRINOLOGY AND NEUROENDOCRINOLOGY BARRY B BERCU HHS-NIH BETHESDA, MD	469,979
Z01 HD00136-14	PHARMACOGENETICS D W NEBERT HHS-NIH BETHESDA, MD	992,054

Z01 HD00137-08	GENETIC REGULATION OF DRUG-CONJUGATING ENZYMES I S OWENS HHS-NIH BETHESDA, MD	194,330
Z01 HD00148-07	ONTOGENY - GONADOTROPIN RECEPTORS & LEYDIG CELL FUNCTION K J CATT HHS-NIH BETHESDA, MD	216,701
Z01 HD00165-07	ISOLATION & CHARACTERIZATION OF PROTEIN HORMONES A CHRAMBACH HHS-NIH BETHESDA, MD	346,718
Z01 HD00185-03	EFFECT OF TEMPERATURE IN DISEASE D RODBARD HHS-NIH BETHESDA, MD	52,011
Z01 HD00187-03	REGULATION OF CELLULAR METABOLISM K P HUANG HHS-NIH BETHESDA, MD	520,075
Z01 HD00188-02	NEW ANALOGS OF ENKEPHALIN DAVID RODBARD HHS-NIH BETHESDA, MD	346,718
Z01 HD00306-05	SEASONALITY OF INFANT MORTALITY ROBERT NUGENT HHS-NIH BETHESDA, MD	61,668
Z01 HD00310-05	INFANT FEEDING AMONG THE PIMA INDIANS MICHELE R FORMAN HHS-NIH BETHESDA, MD	89,740
Z01 HD00311-03	BREAST AND BOTTLE FEEDING IN THE U. S. MICHELE FORMAN HHS-NIH BETHESDA, MD	920
Z01 HD00314-03	HLA TYPES AND MALFORMATION IN IDM JAMES L MILLS HHS-NIH BETHESDA, MD	10,262

Z01 HD00318-02	FREQUENCY AND DURATION OF INFANT FEEDING PRACTICES MICHELE FORMAN HHS-NIH BETHESDA, MD	73,633
Z01 HD00319-02	UMBILICAL CORD GROWTH JAMES L MILLS HHS-NIH BETHESDA, MD	20,522
Z01 HD00323-02	D C PERINATAL STUDY H W BERENDES HHS-NIH BETHESDA, MD	20,522
Z01 HD00324-01	EPIDEMIOLOGY OF INFANT MORTALITY IN BALTIMORE, MD. ROBERT P NUGENT HHS-NIH BETHESDA, MD	138,061
Z01 HD00325-01	NEURAL TUBE DEFECTS AND FOLATE JAMES MILLS HHS-NIH BETHESDA, MD	18,470
Z01 HD00326-01	PREMATURE THELARCH IN PUERTO RICO JAMES L MILLS HHS-NIH BETHESDA, MD	12,313
Z01 HD00402-04	MASS SPECTROMETRY FACILITY A L YERGEY HHS-NIH BETHESDA, MD	406,470
Z01 HD00403-01	MAGNESIUM METABOLISM IN MOTHERS AND NEONATES JOAN L CADDELL HHS-NIH BETHESDA, MD	76,213
Z01 HD00500-04	HORMONAL REGULATION OF GENE EXPRESSION HOWARD J EISEN HHS-NIH BETHESDA, MD	48,583
Z01 HD00501-05	NON-DISTURBING MEASUREMENTS OF BIOLOGICAL SAMPLES JACK S COHEN HHS-NIH BETHESDA, MD	258,946

Z01 HD00610-02	PHYSIOLOGY OF PUBERTY G CUTLER HHS-NIH BETHESDA, MD	1,183,177
Z01 HD00611-02	PATHOPHYSIOLOGY OF GYNECOMASTIA & HURSUTISM D.L. LORIAUX HHS-NIH BETHESDA, MD	318,001
Z01 HD00614-02	BIOLOGY OF HORMONE BINDING PROTEINS B NISULA HHS-NIH BETHESDA, MD	159,000
Z01 HD00615-02	STEROID ANTAGONISTS G CUTLER HHS-NIH BETHESDA, MD	238,503
Z01 HD00618-01	PHYSIOLOGY OF CORTICOTROPIN RELEASING HORMONE G B CHROUSOS HHS-NIH BETHESDA, MD	636,008
Z01 HD00700-05	CELL INTERACTIONS IN SYNAPTOGENESIS C N CHRISTIAN HHS-NIH BETHESDA, MD	225,416
Z01 HD00702-02	GENETICS OF PRIMATE VOCAL BEHAVIOR J D NEWMAN HHS-NIH BETHESDA, MD	45,082
Z01 HD00704-02	PHYSIOLOGIC EFFECTS OF TETANUS TOXIN ON NERVE CELLS G K BERGEY HHS-NIH BETHESDA, MD	90,167
Z01 HD00705-01	MACROMOLECULAR ORGANIZATION OF NEURONS H GAINER HHS-NIH BETHESDA, MD	63,116
Z01 HD00801-07	STUDIES ON THE MEDICAL BIRTH REGISTRY OF NORWAY HOWARD J HOFFMAN HHS-NIH BETHESDA, MD	55,667

Z01 HD00802-07	INFANT DEATH CERTIFICATES & LIVE BIRTH CERTIFICATES HOWARD HOFFMAN HHS-NIH BETHESDA, MD	60,306
Z01 HD00811-03	NATIONAL COLLABORATIVE CYSTEAMINE STUDY ERICA BRITTAIN HHS-NIH BETHESDA, MD	115,972
Z01 HD00818-01	NONPARAMETRIC METHODS FOR BIOMEDICAL APPLICATION GEORGE F REED HHS-NIH BETHESDA, MD	9,278
Z01 HD00830-01	SUPPLEMENT TO 1981 HEALTH INTERVIEW SURVEY MARY D OVERPECK HHS-NIH BETHESDA, MD	71,903
Z01 HD00840-01	STATISTICAL DISCRIMINATE METHODS IN ALCOHOLISM SCREENING BARRY I GRAUBARD HHS-NIH BETHESDA, MD	18,556
Z01 HD00841-01	METHODS FOR COMPARING AND ANALYZING SURVEY DATA BARRY GRAUBARD HHS-NIH BETHESDA, MD	9,278
Z01 HD00850-06	PHOTOTHERAPY FOR NEONATAL HYPERBILIRUBINEMIA DOLORES BRYLA HHS-NIH BETHESDA, MD	104,376
Z01 HD00851-01	TIME TRENDS IN MATERNAL-CHILD HEALTH & POPULATION RESEAR DOLORIS A BRYLA HHS-NIH BETHESDA, MD	11,597
Z01 HD00860-02	ANALYSIS OF HORMONAL TIME SERIES DATA HOWARD HOFFMAN HHS-NIH BETHESDA, MD	57,986
Z01 HD00909-03	EFFECTS OF ETHANOL ON THE DEVELOPING MAMMALIAN FETUS A B MUKHERJEE HHS-NIH BETHESDA, MD	163,472

Z01 HD00912-03	GENE REGULATION AND CELLULAR DIFFERENTIATION J Y CHOU HHS-NIH BETHESDA, MD	272,450
Z01 HD00917-02	GENE TRANSFER BY HIPOCHROMOSOME A.B. MUKHERJEE HHS-NIH BETHESDA, MD	272,450
Z01 HD00918-01	IMMUNE RESPONSE TO PATERNAL ANTIGENS K OZATO HHS-NIH BETHESDA, MD	163,472
Z01 HD00919-01	ANTIGENS OF NEUROCNDOCRINE TISSUE K OZATO HHS-NIH BETHESDA, MD	54,489
Z01 HD00920-01	MOUSE TRANSPLANTATION ANTIGENY K OZATO HHS-NIH BETHESDA, MD	190,715
Z01 HD00921-01	FETAL DIAGNOSIS AND THERAPEUTICS DONALD R MATTISON HHS-NIH BETHESDA, MD	108,979
Z01 HD01000-03	MOLECULAR GENETICS OF THE MHC J G SEIDMAN HHS-NIH BETHESDA, MD	465,442
Z01 HD01100-03	A FOLLOW-UP STUDY OF MASTERY MOTIVATION L J YARROW HHS-NIH BETHESDA, MD	126,999
Z01 HD01101-01	SEPARATIONS BETWEEN MOTHER AND INFANT J T D SUWALSKY HHS-NIH BETHESDA, MD	63,500
Z01 HD01102-01	BEHAVIORAL CORRELATES OF ENDOCRINE DISORDERS R P KLEIN HHS-NIH BETHESDA, MD	55,880

Z01 HD01103-01	SLEEP ONTOGENY OF PRECOCIOUS PUBERTY WILLIAM SONIS HHS-NIH BETHESDA, MD	25,400
		123,168,371

F32 HL06291-03	INTERGENIC DNA IN THE REGULATION OF HUMAN GLOBIN GENES KOLE, RYSZARD YALE U NEW HAVEN, CONN	20,892
F32 HL06385-02	CELL VOLUME HOMEOSTASIS IN SICKLE CELL ANEMIA BERKOWITZ, LEE R NORTH CAROLINA, U OF CHAPEL HILL, N C	21,780
F32 HL06416-02	REGULATION OF GOAT GLOBIN GENE EXPRESSION LIBERATOR, PAUL A CINCINNATI, U OF CINCINNATI, OHIO	17,040
F32 HL06510-01	REPETITIVE SEQUENCE DNA IN GOAT GLOBIN GENE LOCI SPENCE, SALLY E CINCINNATI, U OF CINCINNATI, OHIO	16,380
F32 HL06511-02	CLONING AND CHARACTERIZATION OF DEFECTIVE A GLOBIN GENES YAGI, MAYUMI FRED HUTCHINSON CANCER RESEARCH C SEATTLE, WASH	17,040
F32 HL06544-01	EFFECT OF HUMORAL AGENTS ON SURFACTANT SECRETION JACOBS, HARRIS C LOS ANGELES COUNTY HARBOR-UCLA MED CTR TORRANCE, CALIF	20,040
F32 HL06655-01	MAPPING FUNCTIONAL DOMAINS OF THE LDL RECEPTOR GENE BOND, VINCENT C CALIFORNIA INST OF TECHNOLOGY PASADENA, CALIF	17,736
F32 HL06656-01	FETAL LUNG ECM: BIOCHEMICAL/BIOLOGICAL EFFECTS OF 02 JOSE, JAMES H BOSTON HOSP FOR WOMEN BOSTON, MASS	20,040
F33 HL06536-01	TRANSCRIPTION OF CLONED B GLOBIN GENE FROM B THALASSEMIA MARGULIES, LOLA COLUMBIA U NEW YORK, N Y	15,650

F34 GM07332-04	GENETICS OF ALLOIMMUNIZATION IN SICKLE CELL DISEASE OFOSU, MILDRED D HOWARD U WASHINGTON, D C	18,102
N01 HR62948-13	EVALUATE ANTENATAL STEROID THERAPY IN NEONATAL RDS POOLE, KENNETH W RESEARCH TRIANGLE INST RESEARCH TRIANGLE PARK, N C	110,698
N01 HR62949-16	EVALUATE ANTENATAL STEROID THERAPY IN NEONATAL RDS RIGATTO, HENRIQUE MANITOBA, U OF WINNEPEG, CANADA	15,591
N01 HR62950-15	EVALUATE ANTENATAL STEROID THERAPY IN NEONATAL RDS DEPP, RICHARD NORTHWESTERN U CHICAGO, ILL	7,212
N01 HR62951-17	EVALUATE ANTENATAL STEROID THERAPY IN NEONATAL RDS BAUER, CHARLES MIAMI, U OF MIAMI, FLA	48,071
N01 HR62953-15	EVALUATE ANTENATAL STEROID THERAPY IN NEONATAL RDS KORONES, SHELDON B TENNESSEE, U OF MEMPHIS, TENN	55,435
N01 HV92922-06	FRAMINGHAM COHORT SURVEILLANCE AND OFFSPRING STUDY STOKES, JOSEPH III MD BOSTON U BOSTON, MASS	150,051
P01 HL12738-14	PEDIATRIC CARDIAC ELECTROPHYSIOLOGY AND PHARMACOLOGY (HU ROSEN, MICHAEL R COLUMBIA U NEW YORK, N Y	76,792
P01 HL12738-14	PEDIATRIC ATRIAL ARRHYTHMIAS (HUMAN, DOGS) ROSEN, MICHAEL R COLUMBIA U NEW YORK, N Y	76,792
P01 HL14388-11	ONTOGENESIS OF CENTRAL NERVOUS SYSTEM AMINES IN HYPERTEN BHATNAGAR, RANBIR K IOWA, U OF IOWA CITY, IOWA	62,633

P01 HL14985-11	OXYGEN TRANSPORT AT HIGH ALTITUDE--PREGNANCY (HUMAN) REEVES, JOHN T COLORADO, U OF HLTH SCIENCES CTR BOULDER, COLO	76,611
P01 HL15835-10	ASPECTS OF CARDIAC AND SKELETAL MYOGENESIS (CHICK EMBRYO HOLTZER, HOWARD PENNSYLVANIA, U OF PHILADELPHIA, PA	111,163
P01 HL15835-10	MUSCLE GROWTH AND DIFFERENTIATION AND INJURY (RATS, GUIN KELLY, ALAN M PENNSYLVANIA , U OF PHILADELPHIA, PA	111,163
P01 HL16683-08	LIGHT CHAINS OF THE SKELETAL AND CARDIAC MYOSIN MOLECULE BOREJDO, JULIAN CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	204,332
P01 HL16683-08	MYOSIN, ACTIN, ATP, INTERACTION IN SOLUTION MENDELSON, ROBERT A CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	204,332
P01 HL16683-08	STUDY OF CONTRACTILE SYSTEM--DEVELOPMENT OF NEW REAGENTS DUKE, JOSEPH A CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	204,332
P01 HL17421-09	ULTRASTRUCTURE OF VESSEL WALLS IN DEVELOPING MICROCIRCUL CARLSON, EDWARD C ARIZONA, U OF TUCSON, ARIZ	46,234
P01 HL17871-08	PHYSIOLOGY OF RENIN--ALDOSTERONE AND PROSTAGLANDIN EN FERRIS, THOMAS F MINNESOTA, U OF AT MNPLS-ST PAUL MINNEAPOLIS, MINN	113,227
P01 HL18645-07	ENDOTHLIAL REGENERATION (TISSUE CULTURE, RATS) SCHWARTZ, STEPHEN M WASHINGTON, U OF SEATTLE, WASH	149,210
P01 HL18974-07	REGULATION AND EXPRESSION OF NEUROTRANSMITTER SYNTHESIZ ROSS, ROBERT A CORNELL U MED CTR NEW YORK, N Y	67,784

P01 HL18974-07	ROLE OF TISSUE ENVIRONMENT IN THE DIFFERENTIATION OF ANS TEITELMAN, GLADYS CORNELL U MED CTR NEW YORK, N Y	67,784
P01 HL19717-06	POSTNATAL LUNG DEVELOPMENT--CELLS, CONNECTIVE TISSUE BRODY, JEROME S BOSTON U BOSTON, MASS	28,648
P01 HL19717-06	FORMATION OF LUNG ALVEOLI (RATS) BRODY, JEROME S BOSTON U BOSTON, MASS	28,648
P01 HL19717-06	ROLE OF OXYGEN IN REGULATION OF LUNG GROWTH AND DEVELOPM BRODY, JEROME S BOSTON U BOSTON, MASS	28,648
P01 HL19717-06	PROTEIN DEPLETION AND POSTNATAL LUNG DEVELOPMENT (RATS) DRODY, JEROME S BOSTON U BOSTON, MASS	28,648
P01 HL19717-06	HORMONE CONTROL OF LUNG GROWTH AND DEVELOPMENT (RATS) DRODY, JEROME S BOSTON U BOSTON, MASS	28,648
P01 HL19717-06	COMPENSATORY GROWTH OF THE LUNG FOLLOWING PNEUMONECTOMY BRODY, JEROME S BOSTON U BOSTON, MASS	28,648
P01 HL24056-03	CARDIOVASCULAR RESPONSES TO STRESS DURING DEVELOPMENT RUDOLPH, ABRAHAM M CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	837,091
P01 HL24075-04	DEVELOPMENT, CONTROL AND DISORDERS OF ALVEOLAR STABILITY CLEMENTS, JOHN A CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	511,649
P01 HL25816-03	FLUID FILTRATION AND MICROVASCULAR PERMEABILITY (SHEEP) BLAND, RICHARD D CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	68,633

P01 HL25830-02	CHEST WALL MOVEMENTS AND NEUROCHEMICAL CONTROL BREATHEIN GOLDMAN, MICHAEL D CASE WESTERN RESERVE U CLEVELAND, OHIO	79,109
P01 HL27375-02	ERYTHROBLAST PROTEIN SYNTHESIS IN ERYTHROID PROGENITORS NATHAN, DAVID G CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	107,093
P01 HL27385-02	GENETIC AND DEVELOPMENTAL CONTROL OF INSULIN RECEPTOR ELSAS, LOUIS J EMORY U ATLANTA, GA	59,404
P01 HL27385-02	DEVELOPMENT OF PACEMAKER CURRENTS IN EMBRYONIC HEART S DEFELICE, LOUIS J EMORY U ATLANTA, GA	59,404
P01 HL28972-01	NUTRITIONAL AND GENETIC EFFECTS ON CHOLESTEROL METABOLIS MOTT, GLEN E SOUTHWEST FDN FOR RESEARCH & EDUC SAN ANTONIO, TEX	132,588
P50 HL14136-11	ACUTE PEDIATRIC RESPIRATORY DISEASES AND COLD (HUMAN) FULGINITI, VINCENT A ARIZONA, U OF TUCSON, ARIZ	80,239
P50 HL14136-11	PEDIATRIC AIRWAYS OBSTRUCTIVE DISEASE (HUMAN) TAUSSIG, LYNN M ARIZONA, U OF TUCSON, ARIZ	80,239
P50 HL14136-11	PEDIATRIC LUNG FUNCTION CORE (HUMAN) TAUSSIG, LYNN M ARIZONA, U OF TUCSON, ARIZ	80,239
P50 HL14214-11	NEWBORN LUNG CENTER (SCOR) STAHLMAN, MILDRED T VANDERBILT U NASHVILLE, TENN	1,036,215
P50 HL14218-11	NEWBORN LUNG CENTER JAMES, L STANLEY COLUMBIA U NEW YORK, N Y	1,081,682

P50 HL14230-11	CORONARY RISK FACTORS IN SCHOOL CHILDREN--THE MUSCATINE LAUER, RONALD M IOWA, U OF IOWA CITY, IOWA	113,054
P50 HL15103-11	HISTORY OF ATHEROSCLEROSIS AND HYPERTENSION (CHILDREN) BERENSON, GERALD S LOUISIANA STATE U MEDICAL CTR SHREVEPORT, LA	566,350
P50 HL18323-08	PREGNANCY TOXEMIA--SODIUM BALANCE, RENIN-AGNIOTENSIN SYS KRISTENSEN, SOREN CORNELL U MED CTR ITHACA, N Y	95,755
P50 HL19170-06	RELATIVE GROWTH OF HUMAN AIRWAY AND PARENCHYMA MEAD, JERE HARVARD U CAMBRIDGE, MASS	99,596
P50 HL19171-06	PULMONARY SCOR: LUNG INJURY BY CHILDHOOD INFECTIONS CLYDE, WALLACE A, JR NORTH CAROLINA, U OF AT CHAPEL HILL CHAPEL HILL, N C	843,097
P50 HL19187-06	ALTERED SUSCEPTIBILITY TO HYALINE MEMBRANCE DISEASE MURRHY, JANET WASHINGTON, U OF SEATTLE, WASH	81,083
P50 HL19187-06	REPARATIVE PROCESSES IN HYALINE MEMBRANCE DISEASE HODSON, WILLIAM A WASHINGTON, U OF SEATTLE, WASH	81,083
P50 HL19187-06	NEONATAL LUNG INJURY--PLUMONARY PERFUSION ALVEOLAR GAS TRUOG, WILLIAM E WASHINGTON, U OF SEATTLE, WASH	81,083
P50 HL19187-06	ABERRATIONS OF RESPIRATORY CONTROL IN THE NEONATE(MACAQU GUTHRIE, ROBERT D WASHINGTON, U OF SEATTLE, WASH	81,083
P50 HL19187-06	EFFECT OF ALTERED LUNG MECHANICS ON RESPIRATORY CONTROL WOODRUM, DAVID E WASHINGTON, U OF SEATLE, WASH	81,083

P50 HL19187-06	HIGH FREQUENCY LOW VOLUME OSCILLATION PATTERN OF MECHANI TRUOG, WILLIAM E WASHINGTON, U OF SEATTLE, WASH	81,083
P50 HL19187-06	CARDIAC CELL CULTURE FACILITY HOLTZER, HOWARD WASHINGTON, U OF SEATTLE, WASH	81,083
P50 HL19362-05	EFFECTS OF INFANT NUTRITION ON ATHEROSCLEROSIS (BABOONS) MOTT, GLEN E TEXAS, U OF HOUSTON, TEX	49,443
P50 HL19362-05	INFANT CALORIC INTAKE ADIPOSE TISSUE DEVELOPMENT & ATHER MASORO, EDWARD J TEXAS, U OF HOUSTON, TEX	49,443
P50 HL27352-01	EXPERIMENTAL PULMONARY HYPERTENSION OF NEWBORN (GUINEA P RABINOVITCH, MARLENE CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	81,829
P50 HL27352-01	MEDIATORS AND MECHANISMS OF CLINICAL PULMONARY HYPERTENS REID, LYNNE M CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	81,829
P50 HL27355-01	PEDIATRIC PULMONARY SCOR FOCUSED ON CYSTIC FIBROSIS WARWICK, WARREN J MINNESOTA, U OF MINNEAPOLIS, MINN	619,414
P50 HL27356-02	PREVENTION AND TREATMENT OF RESPIRATORY DISTRESS TOOLEY, WILLIAM H CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	580,894
P50 HL27358-02	SCOR: NUTRITION AND METABOLISM IN INFANT LUNG DISEASE FARRELL, PHILIP M WISCONSIN, U OF MADISON, WIS	623,354
P60 HL15162-11	PNEUMOCOCCAL VACCINE IN SICKLE CELL DISEASE (CHILDREN) OVERTURF, GARY D SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	54,289

P60 HL15996-10	PATIENT SURVEILLANCE--MEDICAL SERVICE(CHILDREN) LOBEL, JEFFERY CHILDRENS MEDICAL CTR DAYTON, OHIO	133,913
P60 HL15996-10	CARDIOPULMONARY EVALUATION WITH EXERCISE (CHILDREN) JAMES, FREDERICK W CHILDRENS MEDICAL CTR DAYTON, OHIO	133,913
P60 HL15996-10	PATIENT SURVEILLANCE--SOCIAL SERVICES (CHILDREN) HUFFMAN, ANN CHILDRENS MEDICAL CTR DAYTON, OHIO	133,913
P60 HL15996-10	DELAY PUBERTY IN SICKLE CELL PATIENTS MILLER, SANDRENE CHILDRENS MEDICAL CTR DAYTON, OHIO	133,913
P60 HL15996-10	PATTERNS OF MOTHERS AFTER BIRTH OF SICKLE CELL INFANT CLARK, JEANETTE A CHILDRENS MEDICAL CTR DAYTON, OHIO	133,913
P60 HL16005-09	MANAGEMENT OF PREGNANCY IN SICKLE CELL ANEMIA (HUMAN) KOSHY, MABEL CHICAGO, U OF CHICAGO, ILL	182,144
P60 HL16008-10	PATIENT CARE SYSTEM (CHILDREN, ADULTS)RT WHITTEN, CHARLES F WAYNE STATE U DETROIT, MICH	71,628
P60 HL20985-05	PATIENT SERVICES (CHILDREN, ADULTS) MENTZER, WILLIAM C, JR CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	129,735
P60 HL20985-05	PRENATAL DIAGNOSIS OF SICKLE CELL ANEMIA (HUMAN) KAN, YUET WAI CALIFORNIA, U OF AT SAN FRANCISCO, CALIF	129,735
P60 HL29554-01	TUTORIAL SERVICE FOR SICKLE CELL ANEMIA PATIENTS HARRIS, HERMAN F GEORGIA, MEDICAL COLL OF AUGUSTA, GA	133,939

P60 HL29554-01	CLINICAL SERVICES--PEDIATRIC PATIENTS ALTAY, C GEORGIA, MEDICAL COLL OF AUGUSTA, GA	133,939
R01 HL01755-29	FETAL AND NEONATAL CARDIOVASCULAR FUNCTIONS ASSALI, NICHOLAS S CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	152,120
R01 HL08659-18	MYOCARDIAL PERFORMANCE AND METABOLISM IN THE NEWBORN DOWNING, S EVANS YALE U NEW HAVEN, CONN	136,354
R01 HL09172-19	PROTEIN AND RNA SYNTHESIS IN HEART MUSCLE RABINOWITZ, MURRAY CHICAGO, U OF CHICAGO, ILL	251,117
R01 HL10834-13	REGULATION OF THE PERINATAL PULMONARY CIRCULATION CASSIN, SIDNEY FLORIDA, U OF GAINESVILLE, FLA	107,026
R01 HL12944-13	ENZYMATIC AND BIOCHEMICAL STUDIES ON BLOOD CELLS VALENTINE, WILLIAM N CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	169,930
R01 HL12972-13	GLUTATHIONE DEFICIENCY IN RED CELLS SMITH, JOSEPH E KANSAS STATE U MANHATTAN, KANS	52,782
R01 HL13339-12	PHARMACOLOGY OF DEVELOPING CARDIAC TISSUES PAPPANO, ACHILLES J CONNECTICUT, U OF HEALTH CENTER FARMINGTON, CONN	104,286
R01 HL13634-11	RENAL HYPERTENSION IN PREGNANCY BRINKMAN, CHARLES R, III CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	127,707
R01 HL13831-12	FACTORS REGULATING EMBRYONIC CARDIAC MORPHOGENESIS MANASEK, FRANCIS J CHICAGO, U OF CHICAGO, ILL	176,950

R01 HL13901-12	ONTOGENY, ULTRASTRUCTURE, FUNCTION IN LYMPHATIC SYSTEM LEAK, LEE V HOWARD U WASHINGTON, D C	109,724
R01 HL15341-10	LUNG HORMONAL AND CHROMOSOMAL REGULATION CHYTIL, FRANK VANDERBILT U NASHVILLE, TENN	72,354
R01 HL15647-09	HEMATOPOIETIC STUDIES OF CYCLIC HEMATOPOIESIS JONES, JIMMY B TENNESSEE, U OF AT KNOXVILLE KNOXVILLE, TENN	85,062
R01 HL16152-10	ELECTROPHYSIOLOGY OF PRENATAL TO ADULT MAMMAL HEARTS MORAD, MARTIN PENNSYLVANIA, U OF PHILADELPHIA, PA	161,853
R01 HL16567-08	DIFFERENTIATION OF THE HEART-CELL MEMBRANE DE HAAN, ROBERT L EMORY U ATLANTA, GA	92,366
R01 HL17747-08	ENDOTHELIAL INJURY AND REGENERATION KARNOVSKY, MORRIS J HARVARD U CAMBRIDGE, MASS	180,201
R01 HL17749-07	ADRENOCORTICAL FACTORS IN HUMAN HYPERTENSION NEW, MARIA I CORNELL U MED CTR NEW YORK, N Y	131,634
R01 HL18050-07	MECHANISMS OF CARDIOVASCULAR TERATOGENESIS (CHICK EMBRO) GILBERT, ENID F WISCONSIN, U OF MADISON, WIS	85,408
R01 HL18848-07	ETIOLOGY AND DEVELOPMENT OF CONGENITAL HEART DISEASE PATTERSON, DONALD F PENNSYLVANIA, U OF PHILADELPHIA, PA	171,047
R01 HL19136-07	MUCOPOLYSACCHARIDE METABOLISM IN CARDIAC ANOMALIES MARKWALD, ROGER R TEXAS TECH U LUBBOCK, TEX	53,981

R01 HL19379-06	CHARACTERIZATION OF SMALL-GRANULE CELLS IN THE LUNG HOYT, RICHARD F, JR BOSTON U BOSTON, MASS	196,820
R01 HL19430-07	CONGENITAL HEART MALFORMATIONS AND SITUS INVERSUS LAYTON, WILLIAM M, JR DARTMOUTH COLL HANOVER, N H	88,032
R01 HL19752-07	PHOSPHOLIPID SYNTHESIS BY FETAL LUNG IN CULTURE GROSS, IAN YALE U NEW HAVEN, CONN	132,429
R01 HL19864-06	EPIDEMIOLOGY OF BLOOD PRESSURE IN CHILDREN SCHACHTER, JOSEPH PITTSBURGH, U OF PITTSBURGH, PA	176,697
R01 HL19933-05	MEMBRANCE AND RED CELL DYSFUNCTION IN HEMOLYTIC ANEMIA FAIRBANSK, GRANT WORCESTER FDN FOR EXPTL BIOLOGY SHREWSBURY, MASS	2,131
R01 HL20749-05	DEVELOPING HEART: BIOPHYSICAL ASPECTS ANDERSON, PAGE A DUKE U DURHAM, N C	86,602
R01 HL20864-05	POSTNATAL MATURATION OF CARDIOVASCULAR REGULATORY SYSTEM GOOTMAN, PHYLLIS M DOWNSTATE MEDICAL CENTER NEW YORK, N Y	76,745
R01 HL21308-05	PROSTAGLANDINS AND LOCAL CONTROL OF THE CIRCULATION NIES, ALAN S COLORADO, U OF HLTH SCIENCES CTR BOULDER, COLO	137,166
R01 HL21405-05	RESPIRATORY MUSCLES IN REGULATION OF INFANT BREATHING STARK, ANN R BOSTON HOSP FOR WOMEN BOSTON, MASS	40,302
R01 HL22550-06	GENETIC CARDIOMYOPATHIES IN BERTEBRATES LEMANSKI, LARRY F WISCONSIN, U OF AT MADISON MADISON, WIS	122,990

R01 HL22552-06	ABNORMAL ALVEOLAR PERMEABILITY AND LUNG DISEASE EGAN, EDMUND A CHILDREN'S HOSP NEW YORK, N Y	68,230
R01 HL22739-04	EVOLUTION & PROGRESSION OF PEDIATRIC ATHEROSCLEROSIS STARY, HERBERT C LOUISIANA STATE U MEDICAL CTR SHREVEPORT, LA	77,977
R01 HL22963-05	SYMBOLIC LOGIC ANALYSIS OF CONGENITAL HEART DISEASE HUTCHINS, GROVER M JOHNS HOPKINS U BALTIMORE, MD	68,516
R01 HL23306-04	MEMBRANE PHOSPHORYLATION IN THE DEVELOPING MYOCARDIUM HOSEY, M MARLENE HLTH SCI, U OF AT CHICAGO MED SCH NORTH CHICAGO, ILL	135,698
R01 HL23626-03	NAD AND POLY ADPR IN CARDIAC GROWTH AND DEVELOPMENT (RAT CUTILLETTA, ANTHONY F JOHNS HOPKINS HOSP BALTIMORE, MD	57,630
R01 HL23681-03	DEVELOPMENTAL CONSIDERATIONS IN CIRCULATORY FAILURE RUDOLPH, ABRAHAM M CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	129,830
R01 HL23980-05	AGE-RELATED CHANGES IN DIGOXIN EFFECT AND TOXICITY BERMAN, WILLIAM, JR NEW MEXICO, U OF AT ALBUQUERQUE ALBUQUERQUE, N MEX	89,314
R01 HL24148-04	IONIC EXCHANGE IN THE NEONATAL MAMMALIAN HEART JARMAKANI, JAY M CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	132,088
R01 HL24246-04	REGENERATION OF CARDIAC PARASYMPATHETIC INNERVATION LUND, DONALD D IOWA, U OF IOWA CITY, IOWA	54,862
R01 HL24387-03	PULMONARY UPTAKE OF LIPOSOMAL PHOSPHATIDYLCHOLINE ZACHMAN, RICHARD D WISCONSIN, U OF AT MADISON MADISON, WIS	43,258

R01 HL24415-04	EXPRESSION OF DEVELOPMENTALLY RELATED AVIAN GENES ENGEL, JAMES D NORTHWESTERN U EVANSTON, ILL	144,203
R01 HL24722-03	GENESIS OF MUCOUS-PRODUCING CELLS IN RESPIRATORY EPITHEL MCDOWELL, ELIZABETH M MARYLAND, U OF COLLEGE PARK, MD	7,895
R01 HL24935-03	DEVELOPMENT OF CARDIAC CONNECTIVE TISSUE BORG, THOMAS K SOUTH CAROLINA, U OF AT COLUMBIA COLUMBIA, S C	54,442
R01 HL25023-02	BRONCHOPULMONARY DYSPLASIA-PATHOGENESIS & LUNG FUNCTION BANCALARI, EDUARDO H MIAMI, U OF MIAMI, FLA	126,205
R01 HL25170-03	INTERFACIAL PROPERTIES OF LUNG SURFACTANT COMPONENTS NOTTER, ROBERT H ROCHESTER, U OF ROCHESTER, N Y	46,070
R01 HL25394-04	PROSTAGLANDINS KININ, ANGIOTENSIN-INTERACTION MC GIFF, JOHN C NEW YORK MEDICAL COLL NEW YORK, N Y	205,128
R01 HL25482-02	REGULATION OF CELL PROLIFERATION IN MAMMALIAN HEART NAG, ASISH C OAKLAND U PORTLAND, OREG	46,606
R01 HL25629-02	ENVIRONMENTAL RISK FACTORS IN CONGENITAL HEART DISEASE FERENCZ, CHARLOTTE MARYLAND, U OF AT BALTIMORE BALTIMORE, MD	203,139
R01 HL25876-02	TWENTY-FOUR HOUR BLOOD PRESSURE IN ADOLESCENTS FERENCZ, CHARLOTTE MARYLAND, U OF AT BALTIMORE BALTIMORE, MD	187,582
R01 HL25907-03	REGULATION OF LUNG GROWTH AND MATURATION SMITH, BARRY T BOSTON HOSP FOR WOMEN BOSTON, MASS	95,333

R01 HL26091-01	MECHANISMS AND SITES OF VENTILATORY NEUROGENESIS (CATS) ST JOHN, WALTER M DARTMOUTH MEDICAL SCHOOL HANOVER, N H	80,028
R01 HL26499-02	EXTRACELLULAR MATRIX INFLUENCES ON ELASTOGENESIS MECHAM, ROBERT P JEWISH HOSP OF ST. LOUIS ST LOUIS, MO	57,853
R01 HL26554-02	NONINVASIVE ASSESSMENT OF PEDIATRIC ATHEROSCLEROSIS RILEY, WARD A, JR WAKE FOREST U WINSTON-SALEM, N C	77,132
R01 HL26690-02	PERINATAL DEVELOPMENT OF THE LUNG: HORMONAL FACTORS HITCHCOCK, KAREN R TUFTS U MEDFORD, MASS	139,112
R01 HL26717-02	DRUGS AND CONGENITAL HEART MALFORMATIONS ROTHMAN, KENNETH J HARVARD U CAMBRIDGE, MASS	193,774
R01 HL26741-02	NON-INVASIVE EVALUATION OF PRETERM INFANTS WITH PDA BERMAN, WILLIAM, JR NEW MEXICO, U OF AT ALBUQUERQUE ALBUQUERQUE, N MEX	32,156
R01 HL26893-03	DEVELOPMENT OF THE CARDIAC AV JUNCTIONAL TISSUES MARINO, THOMAS A TEMPLE U PHILADELPHIA, PA	40,328
R01 HL26898-01	ANTECEDENTS OF YOUNG ADULT BLOOD PRESSURE VARIATION (HUM KATZ, SOLOMON H PENNSYLVANIA, U OF PHILADELPHIA, PA	333,364
R01 HL26912-03	ORIGIN OF HEART CHAMBERS, SEPTA AND VALVES IN THE CHICK ROSENQUIST, GLENN C CHILDRENS HOSP NAT MEDICAL CTR WASHINGTON, D C	45,325
R01 HL26975-02	CORTICOSTEROID PHARMACOLOGIC ACTION AND DISPOSITION SZEFLER, STANLEY J NEW YORK, STATE U OF AT BUFFALO BUFFALO, N Y	25,586

R01 HL27057-01	INFANT DIETS AND STRUCTURAL AND TRANSPORT LIPIDS (HUMAN) CARLSON, SUSAN E SOUTH FLORIDA, U OF TAMPA, FLA	36,370
R01 HL27058-02	RBC MEMBRANE PROTEINS IN NA/K PERMEABILITY DISORDERS MENTZER, WILLIAM C, JR CALIFORNIA,U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	65,937
R01 HL27059-02	PHYSIOLOGIC SIGNIFICANCE MEMBRANE PHOSPHOLIPID ASYMMETRY LUBIN, BERTRAM H CHILDRENS HOSP MEDICAL CTR OAKLAND, CALIF	104,359
R01 HL27283-02	ATRIAL SEPTAL DEVELOPMENT: NORMAL AND EXPERIMENTAL MORSE, DENNIS E MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	90,304
R01 HL27505-01	ISOLATION AND CHARACTERIZATION OF AMNIOTIC FLUID RENIN FRANKS, ROBERT C TEXAS, U OF HLTH SCIENCE CTR SAN ANTONIO, TEX	57,090
R01 HL27571-01	RELATION OF PROTEOLYSIS TO AORTIC SMOOTH MUSCLE GROWTH LIBBY, PETER TUFTS U MEDFORD, MASS	86,634
R01 HL27769-02	ARTERIAL ENDOTHELIAL INJURY AND REPAIR CLOWES, ALEXANDER W WASHINGTON, U OF SEATTLE, WASH	74,010
R01 HL27783-02	CARDIAC METABOLISM IN THE FETUS AND NEWBORN WHITMAN, VICTOR PENNSYLVANIA STATE U MED COLL HERSHEY, PA	75,718
R01 HL27827-02	NEUROMUSCULAR MAINTENANCE OF PHARYNGEAL AIRWAY PATENCY BROUILLETTE, ROBERT T CHILDRENS MEM HOSP CHICAGO, ILL	68,820
R01 HL27861-02	REPAIR OF DIAPHRAGMATIC HERNIA IN FETAL LAMBS PRINGLE, KEVIN C IOWA, U OF IOWA CITY, IOWA	47,227

R01 HL27885-02	INTEGRATION OF CARDIORESPIRATORY CONTROL BRUCE, EUGENE N CASE WESTERN RESERVE U CLEVELAND, OHIO	40,764
R01 HL28028-01	MECHANISMS CONTROLLING CELLULAR HEMOGLOBIN CONTENT DOVER, GEORGE J JOHNS HOPKINS U BALTIMORE, MD	107,898
R01 HL28274-01	AIRWAY PHARMACOLOGY DURING ONTOGENESIS DOUGLAS, JAMES S JOHN B PIERCE FDN OF CONN NEW HAVEN, CONN	130,732
R01 HL28325-02	EPITHELIAL-MESENCHYMAL INTERACTIONS: LUNG DEVELOPMENT SLAVKIN, HAROLD C SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	88,397
R01 HL28329-01	DEVELOPMENT AND STRUCTURE OF MYOCARDIAL MEMBRANE SYSTEMS FORBES, MICHAEL S VIRGINIA, U OF CHARLOTTESVILLE, VA	29,098
R01 HL28456-02	ADAPTIVE HEART GROWTH IN NEONATES AND ADULTS DOWELL, RUSSELL T KANSAS, U OF COLL HLTH SCI KANSAS CITY, KANS	69,852
R01 HL28470-01	DETERMINANTS OF FETAL AND NEONATAL CARDIAC OUTPUT (LABS) ANDERSON, PAGE A DUKE U DURHAM, N C	96,559
R01 HL28497-01	REGULATION OF THE PERIPHERAL CIRCULATION WIEDERHIELM, CURT A WASHINGTON, U OF SEATTLE, WASHINGTON	111,251
R01 HL28560-01	MOLECULAR PATHOLOGY OF HEMOLYTIC DISORDERS MORROW, JON S YALE U NEW HAVEN, CONN	46,240
R01 HL28619-01	REGULATION OF LUNG SURFACTANT STRUCTURE AND FUNCTION LONGMUIR, KENNETH J CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	65,579

R01 HL28623-01	REGULATION OF SURFACTANT RELEASE IN TYPE II LUNG CELL WHITSETT, JEFFREY A CINCINNATI, U OF CINCINNATI, OHIO	45,935
R01 HL28720-01	MORPHOMETRY OF THE FETAL LUNG LUCHTEL, DANIEL L WASHINGTON, U OF SEATTLE, WASH	34,084
R01 HL28728-01	INFANT NUTRITION AND ADIPOCYTE NUMBER MASORO, EDWARD J TEXAS, U OF HLTH SCIENCE CTR SAN ANTONIO, TEXAS	86,668
R01 HL28756-01	FINE STRUCTURAL ANALYSIS OF HUMAN HEMOGLOBIN GENES WILSON, JOHN T GEORGIA, MEDICAL COLL OF AUGUSTA, GA	145,967
R01 HL28849-01	FACTORS INFLUENCING POSTNATAL LUNG DEVELOPMENT BANCHERO, NATALIO COLORADO, U OF HLTH SCIENCES CTR BOULDER, COLO	63,142
R01 HL28850-01	ULTRASONIC AND IMMUNOHISTOCHEMICAL STUDY HENDRIX, MARY J C ARIZONA, U OF TUCSON, ARIZ	54,373
R01 HL28978-01	MATURATION OF AIRWAY EPITHELIUM IN PETAL PRIMATE LUNG PLOPPER, CHARLES G CALIFORNIA, U OF DAVIS, CALIF	58,921
R01 HL29268-01	APPLICATION OF ARTERIAL REGENERATION GREISLER, HOWARD P COLUMBIA U NEW YORK, N Y	82,305
R01 HL29324-01	RESPIRATION AND PERINATAL VENTRICULAR OUTPUT THORNBURG, KENT L OREGON, U OF HEALTH SCIENCES CTR PORTLAND, OREG	86,795
R01 HL29354-01	ETIOLOGY OF BRONCHOPULMONARY DYSPLASIA ROBOTHAM, JAMES L SOUTHWEST FDN FOR RESEARCH & EDUC SAN ANTONIO, TEX	395,743

R01 HL29403-01	BLOOD PRESSURE CONTROL & ABNORMAL SYMPATHETIC DEVELOP. MILLS, ELLIOTT DUKE U DURHAM, N C	125,616
R01 HL29431-01	SCHOOL BASED RELAXATION TO LOWER BLOOD PRESSURE EWART, CRAIG K JOHNS HOPKINS U BALTIMORE, MD	190,708
R01 HL29478-01	GLOMERULAR FUNCTION IN PREGNANCY IN HEALTH AND DISEASE BAYLIS, CHRISTINE PETER BENT BRIGHAM HOSP BOSTON, MASS	81,699
R01 HL29498-01	BIOCHEMICAL MARKERS OF PERINATAL HUMAN SURFACTANT BALIS, JOHN U SOUTH FLORIDA, U OF TAMPA, FLORIDA	96,457
R01 HL29504-01	MOLECULAR MECHANISMS OF CARDIAC ONTOGENY AND HYPERTROPHY NADAL-GINARD, BERNARDO COLL MENTAL HEALTH CENTER OF BOSTON BOSTON, MASS	149,885
R01 HL29604-01	INHOMOGENEITY OF HEMOGLOBIN TYPES HUISMAN, TITUS H GEORGIA, MEDICAL COLL OF AUGUSTA, GA	157,108
R01 HL29880-01	EARLY DEVELOPMENTAL ASPECTS OF GENETIC HYPERTENSION GRAY, SARAH D, CALIFORNIA, U OF DAVIS, CALIF	74,494
R01 HL29905-01	PRE AND NEONATAL INFLUENCES IN EXPERIMENTAL HYPERTENSION FRIEDMAN, RICHARD LONG ISLAND RESEARCH INST STONY BROOK, N Y	49,737
R01 HL29922-01	MATERNAL AND GENETIC EFFECTS ON BLOOD PRESSURE RAPP, JOHN PAUL MEDICAL COLL OF OHIO AT TOLEDO TOLEDO, OHIO	84,227
R01 HL30513-01	CORTICOSTEROID PHARMACOLOGIC ACTION AND DISPOSITION SZEFLER, STANLEY J NATIONAL JEWISH HOSP AT DENVER DENVER, COLO	72,007

R01 HL30517-01	MYOSIN ISOENZYMES DURING EARLY HEART DEVELOPMENT KULIKOWSKI, ROBERT R MT SINAI SCHOOL OF MEDICINE NEW YORK, N Y	76,816
R13 HL28173-01	WORKSHOP--RECENT DEVELOPMENT IN FETAL LUNG MATURATION SOLOMON, SAMUEL MC GILL U MONTREAL, CANADA	11,640
R18 HL28907-01	HEALTH EDUCATION IN SELF-MANAGEMENT OF CHILDHOOD ASTHMA MELLINS, ROBERT B COLUMBIA U NEW YORK, N Y	372,889
R23 HL24302-03	AGE-DEPENDENT PHARMACODYNAMICS OF CARDIAC GLYCOSIDES HOUGEN, THOMAS J CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	46,485
R23 HL25031-02	BIOCHEMICAL PROCESSES IN CARDIAC MYOGENESIS ROY, RAMAN K BOSTON BIOMEDICAL RESEARCH INST BOSTON, MASS	44,639
R23 HL25137-03	AGE RELATED CHANGES IN PURKINJE FIBER ACTION POTENTIALS LATHROP, DAVID A CHILDRENS MEDICAL CTR DAYTON, OHIO	40,197
R23 HL25731-03	MATERNAL HEMODYNAMICS: PREGNANCY--STEROID HORMONES HOHIMER, ALAN R OREGON, U OF HEALTH SCIENCES CTR PORTLAND, OREGON	38,417
R23 HL26312-03	MECHANISM OF ALTERED VASCULAR REACTIVITY IN PREGNANCY MC LAUGHLIN, MARGARET K VERMONT, U OF & ST AGRIC COLL BURLINGTON, VT	40,629
R23 HL26930-02	EXPERIMENTAL PULMONARY HYPERTENSION OF THE NEWBORN MURPHY, JOHN D CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	58,671
R23 HL26994-02	HIGH FREQUENCY OSCILLATION AND NEONATAL LUNG DISEASE TRUOG, WILLIAM E WASHINGTON, U OF SEATTLE, WASHINGTON	48,410

R23 HL27736-02	ROLE OF DOPPLER/ECHOCARDIOGRAPHY IN PEDIATRIC CARDIOLOGY SANDERS, STEPHEN P CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	58,642
R23 HL28617-01	NEUROMUSCULAR CONTROL OF INFANT BREATHING KOSCH, PHILIP C FLORIDA, U OF GAINESVILLE, FLA	48,310
R23 HL28936-01	CYTODIFFERENTIATION IN CARDIAC TRUNCAL MORPHOGENESIS THOMPSON, ROBERT P SOUTH CAROLINA, MEDICAL U OF CHARLESTON, S C	42,435
R23 HL29169-01	PROPERTIES OF RESPIRATORY VAGAL AFFERENTS IN THE NEWBORN FISHER, JOHN T TEXAS, U OF MED BR GALVESTON, TEX	47,290
R23 HL29564-01	THYROID HORMONES AND RECEPTORS IN FETAL LUNG MATURATION GONZALES, LINDA K CALIFORNIA, U OF SAN FRANCISCO, CALIF	44,386
T32 HL07024-08	CARDIOVASCULAR EPIDEMIOLOGY INSTITUTIONAL FELLERSHIP GORDIS, LEON JOHNS HOPKINS U BALTIMORE, MD	36,101
T32 HL07057-08	BLOOD BANKING SCIENCES AND RELATED AREAS ROSSE, WENDELL F DUKE U DURHAM, N C	53,506
T32 HL07062-06	HEMOGLOBIN AND CELL MEMBRANE RESEARCH JACOB, HARRY S MINNESOTA, U OF MINNEAPOLIS, MINN	28,709
T32 HL07088-08	POSTGRADUATE TRAINING IN MOLECULAR HEMATOLOGY MAJERUS, PHILIP W WASHINGTON U ST LOUIS, MO	153,948
T32 HL07093-08	HEMATOLOGY ADAMSON, JOHN WASHINGTON, U OF SEATTLE, WASH	57,668

T32 HL07100-08	BLOOD BANKING SCIENCES AND RELATED PROGRAMS SHOHET, STEPHEN B CALIFORNIA, U OF SAN FRANCISCO, CALIF	39,318
T32 HL07107-08	BLOOD AND BLOOD DISEASES GOULIAN, MEHRAN CALIFORNIA, U OF SAN DIEGO, CALIF	19,946
T32 HL07115-08	CARDIOVASCULAR PATHOLOGY ST CLAIR, RICHARD W WAKE FOREST U WINSTON-SALEM, N C	35,270
T32 HL07121-08	INTERDISCIPLINARY CARDIOVASCULAR RESEARCH ABBOUD, FRANCOIS M IOWA, U OF IOWA CITY, IOWA	55,491
T32 HL07146-08	PATHOPHYSIOLOGY OF HUMAN BLOOD CELLS NATHAN, DAVID G CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	123,340
T32 HL07150-08	HEMATOLOGY SCHWARTZ, ELIAS CHILDREN'S HOSP OF PHILADELPHIA PHILADELPHIA, PA	53,643
T32 HL07152-08	GRADUATE TRAINING IN HEMATOLOGY RESEARCH LICHTMAN, MARSHALL A ROCHESTER, U OF ROCHESTER, N Y	26,225
T32 HL07192-06	TRAINING PROGRAM IN HEART AND VASCULAR DISEASES COLERIDGE, JOHN C CALIFORNIA, U OF SAN FRANCISCO, CALIF	80,609
T32 HL07193-05	CARDIOVASCULAR DISEASE--INFANCY, CHILDHOOD & ADOLESCENCE FYLER, DONALD C CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	95,595
T32 HL07209-07	RESEARCH TRAINING IN BLOOD BANKING SCIENCES ASTER, RICHARD H WISCONSIN, MEDICAL COLL OF MILWAUKEE, WIS	20,324

T32 HL07256-06	NEWBORN PULMONARY DEVELOPMENT FUNCTION AND DISEASE STAHLMAN, MILDRED T VANDERBILT U NASHVILLE, TENN	61,240
T32 HL07262-06	RED BLOOD CELL DISEASES, HEMOSTASIS AND BLOOD BANKING FORGET, BERNARD G YALE U NEW HAVEN, CONN	113,066
T32 HL07272-06	THE DEVELOPMENT OF CARDIOVASCULAR FUNCTION TALNER, NORMAN S YALE U NEW HAVEN, CONN	85,294
T32 HL07295-06	NUTRITION AND ATHEROSCLEROSIS TRAINING PROGRAM CONNOR, WILLIAM E OREGON, U OF HEALTH SCIENCES CTR PORTLAND, OREG	24,262
T32 HL07331-05	BLOOD BANKING SCIENCES MAZUR, ABRAHAM NEW YORK BLOOD CENTER NEW YORK, N Y	
T32 HL07332-05	CARDIOVASCULAR FUNCTION--BEHAVIORAL MATARAZZO, JOSEPH D OREGON, U OF HEALTH SCIENCES CTR PORTLAND, OREG	15,492
T32 HL07359-05	PEDIATRIC CARDIOLOGY LUCAS, RUSSELL V, JR MINNESOTA, U OF MINNEAPOLIS, MINN	66,856
T32 HL07406-04	CARDIOVASCULAR RESEARCH BIGGER, JOHN T, JR COLUMBIA U NEW YORK, N Y	22,025
T32 HL07413-05	RESEARCH TRAINING PROGRAM IN PEDIATRIC CARDIOLOGY LAUER, RONALD M IOWA, U OF IOWA CITY, IOWA	65,448
T32 HL07415-04	PEDIATRIC PULMONARY DISEASE AND CYSTIC FIBROSIS DOERSHUK, CARL F CASE WESTERN RESERVE U CLEVELAND, OHIO	147,570

T32 HL07417-05	CARDIOVASCULAR DISEASE OF THE YOUNG KAPLAN, SAMUEL CHILDRENS MEDICAL CTR DAYTON, OHIO	43,750
T32 HL07419-04	PEDIATRICS--CARDIOVASCULAR GERSONY, WELTON M COLUMBIA U NEW YORK, N Y	51,956
T32 HL07421-04	PEDIATRIC PULMONARY RESEARCH MELLINS, ROBERT B COLUMBIA U NEW YORK, N Y	123,677
T32 HL07436-04	CARDIAC ELECTROPHYSIOLOGY GELBAND, HENRY MIAMI, U OF MIAMI, FLA	22,499
T32 HL07437-05	RESEARCH IN BLOOD COMPONENTS DESFORGES, JANE F NEW ENGLAND MEDICAL CTR HOSPITALS BOSTON, MASS	41,028
T32 HL07439-04	HEMATOLOGY CLINICAL RESEARCH COOPER, RICHARD A PENNSYLVANIA, U OF PHILADELPHIA, PA	40,851
T32 HL07444-04	CARDIOVASCULAR PHYSIOLOGY AND PHARMACOLOGY COVELL, JAMES W CALIFORNIA, U OF SAN DIEGO, CALIF	25,524
T32 HL07446-04	PATHOBIOLOBY OF OCCLUSIVE VASCULAR DISEASE SCHWARTZ, COLIN J TEXAS, U OF HLTH SCIENCE CTR SAN ANTONIO, TEX	33,632
T32 HL07456-03	NUTRITION-BEHAVIORAL CARDIOVASCULAR DISEASE PREVENTION BRENNAN, RUTH E WASHINGTON U ST LOUIS, MO	10,768
T32 HL07523-03	HEMATOLOGY BUNN, H FRANKLIN PETER BENT BRIGHAM HOSP BOSTON, MASS	48,125

T32 HL07525-01	TRAINING PROGRAM IN HEMATOLOGY SPIVAK, JERRY L JOHNS HOPKINS U BALTIMORE, MD	21,475
T32 HL07527-01	MOLECULAR AND CELLULAR BIOLOGY TRAINING GRANT HARMONY, JUDITH A CINCINNATI, U OF CINCINNATI, OHIO	21,599
T35 HL07389-05	MINORITY HYPERTENSION RESEARCH DEVELOPMENT KAUKER, MICHAEL L TENNESSEE, U OF CENTER HEALTH SCIENCE MEMPHIS, TENN	3,110
T35 HL07392-05	HYPERTENSION RESEARCH PROGRAM KLEIN, RICHARD L MISSISSIPPI, U OF MEDICAL CENTER JACKSON, MISS	1,580
T35 HL07395-05	MINORITY HYPERTENSION NAVAR, LUIS G ALABAMA, U OF BIRMINGHAM, ALA	4,354
T35 HL07465-03	HYPERTENSION--MINORITIES ELKO, EDWARD E TEXAS COLLEGE OF OSTEOPATHIC MEDICINE FORT WORTH, TEX	2,940
T35 HL07479-02	SHORT-TERM RESEARCH TRAINING WITTE, MARLYS H ARIZONA, U OF TUCSON, ARIZ	2,260
T35 HL07485-03	SHORT-TERM RESEARCH TRAINING MARCUS, MELVIN L IOWA, U OF IOWA CITY, IOWA	3,286
T35 HL07492-02	SHORT-TERM RESEARCH TRAINING BASERGA, RENATO L TEMPLE U PHILADELPHIA, PA	1,695
T35 HL07494-03	SHORT-TERM RESEARCH TRAINING WARNER, NANCY E SOUTHERN CALIFORNIA, U OF LOS ANGELES, CALIF	1,831

T35 HL07495-02	SHORT-TERM RESEARCH TRAINING ROSKOSKI, ROBERT, JR LOUISIANA STATE U MEDICAL CTR SHREVEPORT, LA	1,738
T35 HL07496-03	SHORT-TERM RESEARCH TRAINING SPAR, IRVING L ROCHESTER, U OF ROCHESTER, N Y	8,583
T35 HL07497-03	SHORT-TERM RESEARCH TRAINING BRENT, ROBERT L THOMAS JEFFERSON U PHILADELPHIA, PA	8,362
T35 HL07506-03	SHORT-TERM RESEARCH TRAINING LEE, KYU T ALBANY MEDICAL COLL ALBANY, N Y	2,102
T35 HL07509-02	SHORT-TERM RESEARCH TRAINING YIELDING, K LEMONE SOUTH ALABAMA, U OF MOBILE, ALA	2,526
Z01 HL00017-07	ACETYLCHOLINE RECEPTORS DANIELS, M P HHS-NIH BETHESDA, MD	208,739
Z01 HL00237-03	TOXICITY AND TRANSPORT OF BILIRUBIN LEVINE, R L HHS-NIH BETHESDA, MD	73,966
Z01 HL01421-07	DEVELOPMENT OF ELECTROCHEMICAL METHODS OF KIDNEY RESEARC STEELE, R E HHS-NIH BETHESDA, MD	67,362
Z01 HL02208-09	IRON CHELATION THERAPLY IN TRANSFUSIONAL HEMOSIDEROSIS NIENHUIS, A W HHS-NIH BETHESDA, MD	163,289
Z01 HL02698-01	POSTOPERATIVE CARDIAC CARE OF INFANTS AND CHILDREN JONES, M HHS-NIH BETHESDA, MD	60,861
		26,119,693

K04 NS00698-01	CHANGES IN THE CYTOSKELETON DURING NEURITE GROWTH BLACK, MARK M TEMPLE U PHILADELPHIA, PA	38,375
K04 NS00713-01	DEVELOPMENT OF THE ADRENERGIC PHENOTYPE IN BRAIN BOHN, MARTHA D CORNELL U MED CTR NEW YORK, N Y	39,771
N01 NS02329-05	EFFECTS OF HEARING AID AMPLIFICATION ON CHILDREN BINNIE, CARL A PURDUE U AT WEST LAFAYETTE WEST LAFAYETTE, IND	109,287
N01 NS02331-05	PHONATORY AND ARTICULATORY CONTROL IN STUTTERING CONTURE, EDWARD G SYRACUSE UNIVERSITY AT SYRACUSE SYRACUSE, N Y	260,866
N01 NS22304-00	PREPARE GLUCOCEREBROSIDASE FROM PLACENTAL TISSUE BLAIR, HENRY GENZYME CORPORATION NORWALK, CONN	355,770
N01 NS22311-00	USERS GUIDE TO THE COLLABORATIVE PERINATAL PROJECT OLSEN, ANTHONY R BATTELLE MEMORIAL INST SEATTLE, WASH	248,495
N01 NS22395-00	SIDE EFFECTS OF PHENOBARBITAKL FARWELL, JACQUELINE WASHINGTON, U OF SEATTLE, WASH	183,992
N01 NS92305-07	COMMUNICATIVE SKILLS IN INFANTILE AUTISM LAYTON, THOMAS NORTH CAROLINA, U OF CHAPEL HILL, N C	10,491
N01 NS92322-04	EVALUATE PRESCHOOL IMPAIRMENT IN LANGUAGE DEVELOPMENT TALLAL, PAULA CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	64,200

P01 NS03356-22	BRAIN DEVELOPMENT & DEVELOPMENTAL NEUROLOGICAL DISORDERS SUZUKI, KINUKO YESHIVA U NEW YORK, N Y	
	CLINICAL STUDY OF CHILDREN WITH GENETIC-METABOLIC DISEASES O IN SUZUKI, KINUKO ALBERT EINSTEIN COLL OF MED BRONX, N Y	70,764
	CELLULAR PATHOBIO OF HUMAN IMMATURE BRAIN/HISTOPATHOLOGICAL SUZUKI, KINUKO ALBERT EINSTEIN COLL OF MED BRONX, N Y	70,764
	CELLULAR PATHOBIOLOGY OF HUMAN IMMATURE BRAIN--GOLGI STUDY PURPURA, DOMINICK P ALBERT EINSTEIN COLL OF MED BRONX, N Y	70,764
	RETRIEVAL AND CLUSTERING IN DEVELOPMENT OF LEARNING (CHILDRE BUSCHKE, HERMAN ALBERT EINSTEIN COLL OF MED BRONX, N Y	70,764
	NEUROPEPTIDES IN DEVELOPING HUMAN BRAIN DAVIES, PETER ALBERT EINSTEIN COLL OF MED BRONX, N Y	70,764
P01 NS07377-12	CENTER FOR THE STUDY OF NERVOUS SYSTEM INJURY EISENBERG, HOWARD M TEXAS, U OF GALVESTON, TEX	
	NEURAL REGENERATION (RATS, CATS) COGGESHALL, RICHARD TEXAS, U OF GALVESTON, TEX	40,773
P01 NS08803-13	HEAD INJURY CLINICAL RESEARCH CENTER LANGFITT, THOMAS W PENNSYLVANIA, U OF PHILADELPHIA, PA	
	ACUTE HEAD INJURY IN CHILDREN DEREK, BRUCE A PENNSYLVANIA, U OF PHILADELPHIA, PA	147,722

P01 NS14899-04 RECOVERY AND REGENERATION AFTER SPINAL NEURON INJURY
PERL, EDWARD R
NORTH CAROLINA, U OF
CHAPEL HILL, N C

RENAL NERVE FUNC AFT CORD TRANSECTION AND REGEN AFTER INJURY S) 60,302
GOTTSCHALK, CARL W
NORTH CAROLINA, U OF
CHAPEL HILL, N C

SYNAPTIC EFFICACY FOLLOWING INJURY OF PERIPHE SENSORY FIBERS S) 60,302
KUNO, MOTOY
NORTH CAROLINA, U OF
CHAPEL HILL, N C

P01 NS15070-03 REGENERATION & FUNCTIONAL RECOVERY IN CEREBRAL CORTEX
BUNGE, MARY B
WASHINGTON U
ST LOUIS, MO

AXONAL GROWTH & GROWTH CONE ACTIV OF NEURONS FROM RATS OF DI ES 4,812
BUNGE, MARY B
WASHINGTON U
ST LOUIS, MO

RESPONSE TO GENETIC ABNORMALITIES IN STRUC OF CEREBRAL CORTE CE) 4,812
PEARLMAN, ALAN
WASHINGTON U
ST LOUIS, MO

P01 NS16337-03 OTITIS MEDIA RESEARCH CENTER
BLUESTONE, CHARLES D
CHILDRENS HOSP OF PITTSBURGH
PITTSBURGH, PA

GROWTH & DEVEL OF THE EUSTACHIAN TUBE SYSTEM/ANATOMY (HUMAN) 102,580
DOYLE, WILLIAM J
CHILDREN'S HOSPITAL OF PITTSBURGH
PITTSBURGH, PA

P50 NS03856-20 AUDITORY COMMUNICATION AND ITS DISORDERS
HIRSH, IRA J
CENTRAL INSTITUTE FOR THE DEAF
ST LOUIS, MO

EVALUATION AND EDUCATION OF HEARING IMPAIRED CHILDREN 128,673
HIRSH, IRA J
CENTRAL INSTITUTE FOR THE DEAF
ST LOUIS, MO

P50 NS12151-08 EPILEPSY RESEARCH PROGRAM
PRINCE, DAVID A
STANFORD U
STANFORD, CALIF

	NEONATAL SEIZURES AND INTRAVENTRICULAR HEMORRHAGE (HUMAN) THARP, BARRY R STANFORD U STANFORD, CALIF	82,087
P50 NS16308-03	MINNESOTA COMPREHENSIVE EPILEPSY PROGRAM GUMNIT, ROBERT J MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	
	STOPPING ANTICONVULSANTS IN INFANTS AND CHILDREN LOCKMAN, LAWRENCE A MINNESOTA, U OF AT MINN ST MINNEAPOLIS, MINN	80,091
R01 NS08365-15	EMBRYOLOGY OF THE INNER EAR VAN DE WATER, THOMAS R YESHIVA U NEW YORK, N Y	288,026
R01 NS08597-14	SYNAPTIC MEMBRANE STRUCTURE AND FUNCTION COTMAN, CARL W CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	64,625
R01 NS08597-14	SYNAPTIC MEMBRANE STRUCTURE AND FUNCTION COTMAN, CARL W CALIFORNIA, U OF AT IRVINE IRVINE, CALIF	
R01 NS09590-10	COMMUNICATION SKILLS IN DEAF AND HEARING CHILDREN HOEMANN, HARRY W BOWLING GREEN STATE UNIV BOWLING GR BOWLING GREEN, OH	64,478
R01 NS09658-13	PHYSIOLOGY OF NERVE, GLIAL AND MUSCLE CELL LINES SCHUBERT, DAVID R SALK INST FOR BIOLOGICAL STUDIES LA JOLLA, CALIF	220,942
R01 NS10259-11	REGULATION OF NEURONAL GROWTH AND DEVELOPMENT BLACK, IRA B CORNELL U MED CTR NEW YORK, N Y	95,004
R01 NS10429-10	REGULATION OF ACTIN FILAMENT ASSEMBLY IN GROWING NERVES BAMBURG, JAMES R COLORADO STATE U FORT COLLINS, COLO	105,462

R01 NS11237-09	NEUROLOGICAL MUTANTS: GENETIC & PHENOTYPIC STUDY SIDMAN, RICHARD L CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	99,021
R01 NS11576-09	DEVELOPMENT OF SYMPATHETIC JUNCTIONS IN CULTURE POTTER, DAVID D HARVARD U BOSTON, MASS	98,885
R01 NS11615-10	ASSEMBLY AND MAINTENANCE OF BRAIN MEMBRANES MORELL, PIERRE NORTH CAROLINA, U OF CHAPEL HILL, N C	108,041
R01 NS11786-09	GENETICS OF HUMAN BEHAVIORAL DISORDERS: STUTTERING KIDD, KENNETH K YALE U NEW HAVEN, CONN	132,088
R01 NS11918-08	MUSCLE DIFFERENTIATION AND SYNAPTIC INTERACTION IN VITRO KIDOKORO, YOSHIAKI SALK INST FOR BIOLOGICAL STUDIES LA JOLLA, CALIF	215,314
R01 NS12103-08	BULK ISOLATION OF LARGE SPINAL NEURONS MC ILWAIN, DAVID L NORTH CAROLINA, U OF CHAPEL HILL, N C	85,001
R01 NS12138-08	I-CELL DISEASE AND MENTAL RETARDATION MILLER, ARNOLD L CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	125,588
R01 NS12384-06	ONTOGENY OF BRAIN CATECHOLAMINES AND BEHAVIORAL AROUSAL SHAYWITZ, BENNETT A YALE U NEW HAVEN, CONN	83,980
R01 NS12847-07	REGENERATION IN THE SPINAL CORD GUTH, LLOYD MARYLAND, U OF BALTIMORE, MD	122,148
R01 NS13155-05	POSTNATAL DEVELOPMENT OF THE SPINOCEREBELLAR SYSTEM SMITH, DIANE E LOUISIANA STATE U NEW ORLEANS, LA	65,088

R01 NS13296-06	SKELETAL MUSCLE DEGENERATION AND REGENERATION HALL-CRAGGS, ERNEST C MARYLAND, U OF BALTIMORE, MD	40,968
R01 NS13515-06	BRAIN DEVELOPMENT IN EXPERIMENTAL EPILEPSY DWYER, BARNEY E CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	
R01 NS13515-06	BRAIN DEVELOPMENT IN EXPERIMENTAL EPILEPSY WASTERLAIN, CLAUDE G CALIFORNIA, U OF AT LOS ANGELES LOS ANGELES, CALIF	112,938
R01 NS14365-04	DEVELOPMENT OF CEREBRAL SPECIALIZATION NEVILLE, HELEN J SALK INST FOR BIOLOGICAL STUDIES LA JOLLA, CALIF	128,981
R01 NS14372-04	CONTROL OF CNS AXON SPROUTING LOY, REBEKAH CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	102,451
R01 NS14416-05	FUNCTIONAL STUDIES OF SYNAPSES IN TISSUE CULTURE BUNGE, RICHARD P WASHINGTON U ST LOUIS, MO	100,392
R01 NS14477-04	AXONAL SPROUTING AND FUNCTIONAL RECOVERY IN SPINAL CORD TESSLER, ALAN R PENNSYLVANIA, MEDICAL COLL OF PHILADELPHIA, PA	48,982
R01 NS14679-05	SOLUBLE NERVE FACTORS REGULATING MUSCLE MATURATION PODLESKI, THOMAS R CORNELL U AT ITHACA ITHACA, N Y	52,903
R01 NS14679-05	SOLUBLE NERVE FACTORS REGULATING MUSCLE MATURATION PODLESKI, THOMAS R CORNELL U AT ITHACA ITHACA, N Y	37,250
R01 NS14705-04	FUNCTIONAL PLASTICITY IN THE SPINAL CORD GOSHGARIAN, HARRY G WAYNE STATE U DETROIT, MICH	41,754

R01 NS14716-04	PLASTICITY AND REGENERATION IN THE CNS GRINVALD, AMIRAM WEIZMANN INSTITUTE OF SCIENCE REHOVOT, ISRAEL	40,339
R01 NS14768-05	SYNTHETIC GUIDANCE SYSTEM FOR NERVE FIBER GROWTH SIDMAN, RICHARD L CHILDRENS HOSP MEDICAL CTR BOSTON, MASS	413,175
R01 NS14778-05	PLASTICITY AND REGENERATION IN A NORADRENERGIC SYSTEM SUTIN, JEROME EMORY U ATLANTA, GA	81,584
R01 NS14841-05	NEUROGENETIC PROCESSES IN THE FETAL BRAIN RAKIC, PASKO T YALE U NEW HAVEN, CONN	206,673
R01 NS14900-04	AXONAL REGENERATION IN SPINAL CORD LASEK, RAYMOND J CASE WESTERN RESERVE U CLEVELAND, OHIO	92,415
R01 NS15317-04	DEVELOPMENT AND PLASTICITY OF A CNS SYNAPSE SCHWARTZKROIN, PHILIP A WASHINGTON, U OF SEATTLE, WASH	49,581
R01 NS15706-04	HORMONAL AND HUMORAL INFLUENCES ON BRAIN DEVELOPMENT LAUDER, JEAN M NORTH CAROLINA, U OF CHAPEL HILL, N C	50,776
R01 NS15982-02	EVALUATING A VIBROTACTILE AID WITH DEAF CHILDREN ROESER, ROSS J TEXAS, U OF AT DALLAS RICHARDSON, TEX	84,466
R01 NS16154-03	LEXICAL FACTORS IN SPECIFIC LANGUAGE IMPAIRMENT LEONARD, LAURENCE B PURDUE U AT WEST LAFAYETTE WEST LAFAYETTE, IND	78,477
R01 NS16156-04	DEVELOPMENTAL GENETICS OF THE CENTRAL NERVOUS SYSTEM MULLEN, RICHARD J UTAH, U OF SALT LAKE CITY, UTAH	108,091

R01 NS16384-03	NEONATAL UNDERNUTRITION AND SYNAPTIC PLASMA MEMBRANES DRUSE-MANTEUFFEL, MARY J LOYOLA U MAYWOOD, ILL	45,652
R01 NS16403-03	ANTENATAL INFLUENCES ON NEUROBIOLOGIC ABNORMALITIES NAEYE, RICHARD L PENNSYLVANIA STATE U MED COLL HERSHEY, PA	42,050
R01 NS16665-03	SIALIDOSIS: HEREDITARY ACID NEURAMINIDASE DEFICIENCY O'BRIEN, JOHN S CALIFORNIA, U OF AT LA JOLLA LA JOLLA, CALIF	31,510
R01 NS16666-03	DEVELOPMENT AND PLASTICITY OF PREFRONTAL CORTEX GOLDMAN, PATRICIA S YALE U NEW HAVEN, CONN	164,894
R01 NS17366-02	LINGUISTIC SEQUELAE OF UNILATERAL LESIONS IN CHILDREN ARAM, DOROTHY M CASE WESTERN RESERVE U CLEVELAND, OHIO	48,645
R01 NS17476-02	EXPERIENCE, PLASTICITY, AND OLFACTORY BULB DEVELOPMENT BRUNJES, PETER C VIRGINIA, U OF AT CHARLOTTESVILLE CHARLOTTESVILLE, VA	28,581
R01 NS17642-01	PERINATAL HYPOXIA-ISCHEMIA: NEUROTRANSMITTER CORRELATES JOHNSTON, MICHAEL V MICHIGAN, U OF AT ANN ARBOR ANN ARBOR, MICH	60,734
R01 NS17657-01	AN INDEPENDENT EVALUATION OF NEUROMETRICS, INC YINGLING, CHARLES D CALIFORNIA, U OF AT SAN FRANCISCO SAN FRANCISCO, CALIF	131,004
R01 NS18572-01	NEONATAL ASPHYXIA--EFFECTS ON CEREBRAL CIRCULATION HERNANDEZ, MILTON J HOWARD U WASHINGTON, D C	100,069

R01 NS18860-02	AMMON'S HORN: GENES, MORPHOLOGY, AND BEHAVIOR WIMER, RICHARD E CITY OF HOPE RESEARCH INST DUARTE, CALIF	122,380
R23 NS18448-01	JOINT ATTENTION AND LANGUAGE DEVELOPMENT IN AUTISM LOVELAND, KATHERINE A TEX RESEARCH INST OF MTL SCIENCES HOUSTON, TEX	43,889
Z01 NS00402-26	PERINATAL INFECTIONS CAUSING DAMAGE TO THE CHILD SEVER, J L HHS-NIH BETHESDA MD	99,371
Z01 NS00972-11	VIRUSES AND OTHER MICRO-ORGANISMS IN THE PERINATAL PERIOD LONDON, W T HHS-NIH BETHESDA MD	152,369
Z01 NS01163-20	MATERNAL FACTORS AND CONGENITAL CARDIOVASCULAR ANOMALIES BAJDA, L HHS-NIH BETHESDA MD	71,477
Z01 NS01282-18	NEUROBIO/CHILD DEV & DISEASE PATTERNS IN PRIMITIVE CULTURE GAJDUSEK, D C HHS-NIH BETHESDA MD	794,969
Z01 NS01754-14	GROWTH/INTELLECT DEV OF CHILDREN FROM INTERRACIAL MATING NAYLOR, A F HHS-NIH BETHESDA MD	
Z01 NS01984-11	MATERNAL INFECTION AND PREGNANCY OUTCOME WALLEN, W C HHS-NIH BETHESDA MD	79,497
Z01 NS01985-11	VIRAL ANTIGENS-ANTIBODIES IN PERINATAL AND NEUROLOGICAL DISE MADDEN, D L HHS-NIH BETHESDA MD	298,113
Z01 NS02058-10	CONVULSIVE DISORDERS DATA ANALYSIS NELSON, K B HHS-NIH BETHESDA MD	42,886

Z01 NS02059-10	CEREBRAL PALSY DATA ANALYSIS GROUP NELSON, K B HHS-NIH BETHESDA MD	57,182
Z01 NS02060-10	BIRTHWEIGHT--GESTATIONAL AGE DRAGE, J S HHS-NIH BETHESDA MD	4,765
Z01 NS02062-10	MINIMAL BRAIN DYSFUNCTION NICHOLS, P L HHS-NIH BETHESDA MD	
Z01 NS02106-09	DEVELOPMENT FACTORS ASSOCIATED WITH MENTAL RETARDATION BROMAN, S H HHS-NIH BETHESDA MD	33,356
Z01 NS02107-09	VISUAL ABNORMALITIES IN COLLABORATIVE PERINATAL PROJECT FEINBERG, R HHS-NIH BETHESDA MD	4,765
Z01 NS02108-09	DEVELOPMENT FACTORS ASSOCIATED WITH LEARNING DISORDERS BROMAN, S H HHS-NIH BETHESDA MD	33,356
Z01 NS02109-09	NCPP DATA ON CONGENITAL MALFORMATION MYRIANTHOPOULOS, N C HHS-NIH BETHESDA MD	142,955
Z01 NS02112-09	NEONATAL HYPERBILIRUBINEMIA DRAGE, J S HHS-NIH BETHESDA MD	1,430
Z01 NS02114-08	ETIOLOGY & NATURAL HISTORY OF CONVULSIVE DIS & CEREBRAL PALS ELLENBERG, J H HHS-NIH BETHESDA MD	59,744

Z01 NS02169-08	OBSTETRICAL MEDICATION & DEVELOPMENT IN INFANCY EARLY CHILDH BROMAN, S H HHS-NIH BETHESDA MD	3,812
Z01 NS02243-06	PEDIATRIC NEUROEPIDEMIOLOGY SCHOENBERG, B S HHS-NIH BETHESDA MD	231,866
Z01 NS02332-05	ANALYSIS OF NCPP TWIN DATA MYRIANTHOPOULOS, N C HHS-NIH BETHESDA MD	
Z01 NS02337-05	EFFECTS OF STIMULANTS ON LANGUAGE SKILLS OF HYPERACTIVE SUBJ LUDLOW, C L HHS-NIH BETHESDA MD	
Z01 NS02411-04	SURVEY OF MANAGEMENT OF CHILDREN WITH FEBRILE SEIZURES LEE, Y J HHS-NIH BETHESDA MD	14,936
Z01 NS02412-04	MEETING ON THE MANAGEMENT OF CHILDREN WITH FEBRILE SEIZURES ELLENBERG, J H HHS-NIH BETHESDA MD	
Z01 NS02447-03	A PROSPECTIVE STUDY OF LOW BIRTHWEIGHT INFANTS DAMBROSIA, J M HHS-NIH BETHESDA MD	2,489
Z01 NS02464-02	AUDIOLOGIC FINDINGS IN AUTISM PIKUS, A HHS-NIH BETHESDA MD	8,967
Z01 NS02505-02	HEADACHE IN PREGNANT WOMEN CHEN, T C HHS-NIH BETHESDA MD	19,915
		9,200,736

M01 RR00030-21	OVULATION INDUCTION WITH FACTREL R (LHRH) HAMMOND, CHARLES B DUKE UNIVERSITY DURHAM N C	20,364
	VENTILATION OF HUMAN LUNGS WITH LIQUID LUNG LAVAGE FOR SPOCK, ALEXANDER DUKE UNIVERSITY DURHAM N C	9,372
	PROPHYLACTIC ANTIHYPERTENSIVE THERAPY IN CHRONIC HYPERTE WELT, SELMAN I DUKE UNIVERSITY DURHAM N C	1,157
M01 RR00032-22	CONGENITALLY AND NATALLY ACQUIRED CYTOMEGALOVIRUS INFECT STAGNO, SERGIO UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	123,765
	SEVERE PNEUMONITIS IN YOUNG INFANTS WITH RESPECT TO ETIO STAGNO, SERGIO UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	12,403
	NEONATAL HERPES SIMPLEX VIRUS: ACYCLOVIR AND VIDERABINE WHITLEY, RICHARD J UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	3,668
M01 RR00034-22	LUTEINIZING HORMONE RELEASING HORMONE (LRH) AS A PITUITA KIM, MOON OHIO STATE UNIVERSITY COLUMBUS OHIO	1,201
M01 RR00036-22	DIABETIC PREG CONGENITAL ANOMALIES, INSULIN RECEPTOR FUN RIGG, LEE WASHINGTON UNIVERSITY SAINT LOUIS MO	2,470
	HEMOGLOBIN ALC IN NORMAL, DIABETES & PREGNANCY DIABETES SANTIAGO, JULIO V WASHINGTON UNIVERSITY SAINT LOUIS MO	3,705

BONE METABOLISM IN CHILDHOOD AND ADULT DIABETES MELLITUS 3,705
AVIOLI, LOUIS V
WASHINGTON UNIVERSITY
SAINT LOUIS MO

SERUM, FECAL & IMM RESP TO GASTROINTEST FLORA NEONAT NE 190
BELL, MARTIN
WASHINGTON UNIVERSITY
SAINT LOUIS MO

KETONE BODIES IN CHILDREN TREATED WITH VALPROIC ACID AF 285
CARROLL, JAMES E
WASHINGTON UNIVERSITY
SAINT LOUIS MO

DIAGNOSIS OF ADULT POLYCYSTIC KIDNEY DISEASE IN CHILDREN 5,130
COLE, BARBARA R
WASHINGTON UNIVERSITY
SAINT LOUIS MO

ETIOLOGY OF PREMATURE ADRENARCHE RESPONSE TO ACTH INFUS 4,845
GRANOFF, ALICE B
WASHINGTON UNIVERSITY
SAINT LOUIS MO

ETIOL PUBERTY IN CONGENITAL ADRENAL HYPERPLASIS TREATED 2,090
GRANOFF, ALICE B
WASHINGTON UNIVERSITY
SAINT LOUIS MO

IMMUNOGENICITY OF INFLUENZAE B POLYSACCHARIDE VACCINE IN 41,898
GRANOFF, DAN M
WASHINGTON UNIVERSITY
SAINT LOUIS MO

GLUCOSE INTOL & MICROVASCULAR CHANGES IN CYSTIC FIBROTIC 760
SANTIAGO, JULIO V
WASHINGTON UNIVERSITY
SAINT LOUIS MO

INSULIN REQUIREMENTS IN ADOLESCENT DIABETICS INSULIN RE 11,021
SANTIAGO, JULIO V
WASHINGTON UNIVERSITY
SAINT LOUIS MO

HEMOGLOBIN A1C IN NORMAL, DIABETIC AND PREGNANT PERSONS 3,040
SANTIAGO, JULIO V
WASHINGTON UNIVERSITY
SAINT LOUIS MO

	THERAPEUTIC REGIMENS IN TREATMENT OF CHILDHOOD MALIGNANC VIETTI, THERESA J WASHINGTON UNIVERSITY SAINT LOUIS MO	22,802
	INTRAVENTRICULAR HEMORRHAGE IN PREMATURE NEWBORN ULTRAS VOLPE, JOSEPH J WASHINGTON UNIVERSITY SAINT LOUIS MO	760
	EFFECT OF VIRAL INFECTIONS ON THEOPHYLLINE LEVELS IN AST WALKER, SUZANNA B WASHINGTON UNIVERSITY SAINT LOUIS MO	5,795
M01 RR00037-22	METABOLIC EFFECTS OF HIGH FIBER CARBOHYDRATE DIET IN GES BROWN, ZANE A UNIVERSITY OF WASHINGTON SEATTLE WASH	63,396
	DIABETES IN EARLY PREGNANCY PROJECT KNOPP, ROBERT H UNIVERSITY OF WASHINGTON SEATTLE WASH	28,679
	DIABETES IN EARLY PREGNANCY, CONTROL SUBJECTS, OUTPATIEN KNOPP, ROBERT H UNIVERSITY OF WASHINGTON SEATTLE WASH	4,180
	PULSE PATTERN OF GONADOTROPINS MENSTRUAL CYCLE SOULES, M UNIVERSITY OF WASHINGTON SEATTLE WASH	8,940
M01 RR00039-22	RHYTHMIC SECRETION OF HORMONES (REPRODUCTION) MUSEY, VICTORIA EMORY UNIVERSITY ATLANTA GA	5,829
	CONGENITAL HEART DISEASE, GROWTH RETARDATION, & BIOINACT HOOD, ROB EMORY UNIVERSITY ATLANTA GA	4,686
M01 RR00040-22	OVARIAN FOLLICULAR DEV (INFERTILE, GONADOTROPHINS, LAPAR MASTROIANNI, LUIGI UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	16,599

M01 RR00042-22	VERAPAMIL TREATMENT IN CHILDREN WITH HYPERTROPHIC CARDIO	ROCCHINI, A P	UNIVERSITY OF MICHIGAN AT A	ANN ARBOR MICH	1,608
	HUMAN SEXUAL MATURATION STUDIES IN ANOREXIA NERVOSA AND	MARSHALL, JOHN C	UNIVERSITY OF MICHIGAN AT A	ANN ARBOR MICH	22,969
	EFFICACY OF BIOSYNTHETIC HUMAN GROWTH HORMONE IN GH DEFI	HOPWOOD, NANCY J	UNIVERSITY OF MICHIGAN AT A	ANN ARBOR MICH	3,216
	FEMALE PUBERTAL GROWTH SPURT INTERACTIONS OF ESTROGENS	SAUDER, SUE ELLEN	UNIVERSITY OF MICHIGAN AT A	ANN ARBOR MICH	153
	MATURATION OF PITUITARY RESPONSES TO GNRH IN HUMANS STU	KELCH, ROBERT P	UNIVERSITY OF MICHIGAN AT A	ANN ARBOR MICH	10,949
	GROWTH REGULATION IN CHILDREN: PROVOCATIVE VS INTEGRATED	HOPWOOD, NANCY J	UNIVERSITY OF MICHIGAN AT A	ANN ARBOR MICH	6,278
	CONGENITAL SEPTA BIRTH DEFECTS (HLA, CAMP, CLEFT LIP/PAL	ERICKSON, R P	UNIVERSITY OF MICHIGAN AT A	ANN ARBOR MICH	995
M01 RR00043-22	VITAMIN B12 & CONGENITAL METHYLMALONIC ACIDURIA HOMOCYST	CARMEL, RALPH	UNIVERSITY OF SOUTHERN CALI	LOS ANGELES CALIF	3,780
	PITUITARY RESPONSE TO GNRH DURING PREGNANCY & POSTPARTUM	KLETZKY, OSCAR A	UNIVERSITY OF SOUTHERN CALI	LOS ANGELES CALIF	315
	IN VITRO FERTILIZATION & EMBRYO TRANSFER (OVUM, CHORIONI	MARRS, RICHARD P	UNIVERSITY OF SOUTHERN CALI	LOS ANGELES CALIF	472

	15 METHYL PROSTAGLANDIN F2 ALPHA METHYL ESTER (VAGINAL I MISHELL, DANIEL R UNIVERSITY OF SOUTHERN CALI LOS ANGELES CALIF	2,992
M01 RR00044-22	ASSESSMENT OF HIGH PROTEIN LOW CALORIE FORMULA IN TREATM BROWN, MARILYN R UNIVERSITY OF ROCHESTER ROCHESTER N Y	57,617
	CALORIC COST OF DISEASE IN CHILDREN KLISH, WILLIAM J UNIVERSITY OF ROCHESTER ROCHESTER N Y	590
	METABOLIC RATE IN TREATED CONGENITAL HYPOTHYROIDISM MCCORMICK, KENNETH UNIVERSITY OF ROCHESTER ROCHESTER N Y	236
M01 RR00046-22	HUMORAL & RENAL RESPONSE TO NA IN OFFSPRING OF HYPERTENS WOODS, JAMES W UNIVERSITY OF NORTH CAROLIN CHAPEL HIL N C	8,847
	PLACEBO CONTROLLED EVALUATION OF ACYCLOVIR IN IMMUNOCOMP WHISNANT, JOHN K UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	3,921
	NEONATAL FAT NECROSIS AND HYPERCALCEMIA UNDERWOOD, LOUIS E UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	3,016
M01 RR00047-22	DIABETIC PREGNANCY HORMONAL EVENTS AND HBA1C JOVANOVIC, LOIS G CORNELL UNIVERSITY MEDICAL NEW YORK N Y	142,662
	BIOSTATOR SYSTEM (PREGNANCY, DIABETES) JOVANOVIC, LOIS G CORNELL UNIVERSITY MEDICAL NEW YORK N Y	4,816
	CAUSES OF HYPERTENSION IN CHILDREN WITH CHRONIC RENAL IN KAPLAN, MATTHEW R CORNELL UNIVERSITY MEDICAL NEW YORK N Y	4,816

HLA AND HORMONE STUDIES IN FAMILIES OF CAH 8,883
LEVINE, LENORE S
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

THE INFLUENCE OF DRUGS AND HORMONES ON DRUG AND HORMONE 321
RIFKIND, ARLEEN B
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

RENIN ALDOSTERONE STIMULATION & SODIUM DEPLETION IN FAMI 5,244
LEVINE, LENORE S
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

HORMONAL HYPERTENSION OF CHILDHOOD 130,568
NEW, MARIA I
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

USE OF CAPTOPRIL AS AN ANTIHYPERTENSIVE AGENT IN CHILDHO 6,207
OBERFIELD, SHARON E
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

POST THERAPY ENDOCRINE EVALUATION IN CHILDREN WITH NEOPL 3,318
OBERFIELD, SHARON E
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

EVALUATION OF HORMONAL CHANGES OF ABNORMAL PUBERTY 83,906
PANG, SONJA S
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

EVALUATION OF HORMONAL CHANGES OF ABNORMAL PUBERTY 963
NASS, RUTH
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

LUTEINIZING HORMONE RELEASING HORMONE (LHRH) IN DISORDER 428
PANG, SONJA S
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

EFFECTS OF DRUGS AND DISEASES ON DRUG METABOLISM IN CHIL 107
RIFKIND, ARLEEN B
CORNELL UNIVERSITY MEDICAL
NEW YORK N Y

	CHILDHOOD CEREBELLAR ATAXIAS SOLOMON, GAIL E CORNELL UNIVERSITY MEDICAL NEW YORK N Y	12,629
	STROKE IN A PEDIATRIC POPULATION SOLOMON, GAIL E CORNELL UNIVERSITY MEDICAL NEW YORK N Y	2,890
	MIGRAINE IN A PEDIATRIC POPULATION SOLOMON, GAIL E CORNELL UNIVERSITY MEDICAL NEW YORK N Y	321
	HYPERTENSION OF DIABETES MELLITUS IN CHILDHOOD STONER, ELIZABETH CORNELL UNIVERSITY MEDICAL NEW YORK N Y	27,291
M01 RR00048-21	EFFECTS OF PREGNANCY ON INTERMEDIARY METABOLISM AND DIAB FREINKEL, NORBERT B NORTHWESTERN UNIVERSITY CHICAGO ILL	285,421
	STUDIES IN TROPHOBLASTIC DISEASE BREWER, JOHN I NORTHWESTERN UNIVERSITY CHICAGO ILL	186,970
	ETIOLOGY OF MATERNAL VIRILIZATION DURING PREGNANCY CASE GREEN, ORVILLE C NORTHWESTERN UNIVERSITY CHICAGO ILL	2,337
M01 RR00050-21	CONGENITAL ADRENAL HYPERPLASIA FREEMAN, RUTH G YESHIVA UNIVERSITY NEW YORK N Y	1,430
M01 RR00051-21	FUNCTION OF THE GALLBLADDER (GB) IN HUMAN PREGNANCY KERN, FRED, JR UNIVERSITY OF COLORADO HLTH DENVER COLO	4,919
	BILE ACID (BA) KINETICS IN PREGNANCY USING SERUM BA KERN, FRED, JR UNIVERSITY OF COLORADO HLTH DENVER COLO	2,460

	SINGLE DOSE THERAPY OF UNCOMPLICATED URINARY TRACT INFEC BYYNY, RICHARD L UNIVERSITY OF COLORADO HLTH DENVER COLO	1,592
M01 RR00052-21	PROTEIN TOLERANCE TESTS IN PROTEIN INTOLERANT INDIVIDUAL BATSHAW, MARK L JOHNS HOPKINS UNIVERSITY BALTIMORE MD	2,444
	TREATMENT OF PYRUVATE DEHYDROGENASE DEFICIENCY BATSHAW, MARK L JOHNS HOPKINS UNIVERSITY BALTIMORE MD	2,749
	TREATMENT OF UREA CYCLE ENZYMOPATHIES BATSHAW, MARK L JOHNS HOPKINS UNIVERSITY BALTIMORE MD	150,299
	TREATMENT OF CHILDHOOD CHRONIC RENAL FAILURE WITH SODIUM BRUSILOW, SAUL W JOHNS HOPKINS UNIVERSITY BALTIMORE MD	1,833
	ASSESSMENT OF PHARMACOLOGICAL TREATMENT OF MOVEMENT DISO CATALDO, MICHAEL F JOHNS HOPKINS UNIVERSITY BALTIMORE MD	30,701
	DOSE EFFECT RELATIONSHIPS: BLOOD LEAD AND HOMOVANILLIC A CHISOLM, J JULIAN JOHNS HOPKINS UNIVERSITY BALTIMORE MD	4,582
	PERCUTANEOUS BALLOON VALVULOPLASTY OF PULMONIC STENOSIS KAN, JEAN S JOHNS HOPKINS UNIVERSITY BALTIMORE MD	916
	BEHAVIORAL APPROACHES TO ADOLESCENT HYPERTENSION KIDD, LANGFORD B JOHNS HOPKINS UNIVERSITY BALTIMORE MD	4,582
	ALDOSTERONE, RENIN, AND CORTISOL IN HYPERTENSION KOWARSKI, ALLEN A JOHNS HOPKINS UNIVERSITY BALTIMORE MD	7,637

PROVOCATIVE TOLERANCE TESTING OF PATIENTS WITH HYPOGLYCE 916
KOWARSKI, ALLEN A
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

APOB PROTEIN AND STEROL METABOLISM IN PHYTOSTEROLEMIA 5,957
KWITEROVICH, PETER O
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

PLASMA EXCHANGE ON HYPERCHOLESTEROLEMIA, XANTHOMATOSIS, 7,332
KWITEROVICH, PETER O
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

SILICA HYDROGEL, STEROL, LIPID & LIPOPROTEIN CHOLESTEROL 54,071
KWITEROVICH, PETER O
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

LIPID RESEARCH CLINIC PROGRAM PREVALENCE STUDY PHASE IV 1,069
KWITEROVICH, PETER O
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

ESSENTIAL FATTY ACIDS IN ABETALIPOPROTEINEMIA 7,790
LAKE, ALAN M
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

HETEROZYGOTE CARRIERS AND PATIENTS WITH CONGENITAL ADREN 12,372
LEE, PETER A
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

GONADOTROPIN FEEDBACK MECHANISMS IN HYPOGONADAL MALES 1,069
LEE, PETER A
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

PHYSIOLOGY OF PUBERTAL MATURATION 17,107
LEE, PETER A
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

POLYCICLC IN RECURRENT LARYNGEAL PAPILLOMATOSIS 3,208
LEVENTHAL, BRIGID G
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

EFFECT OF SODIUM VALPROATE (DEPAKENE) ON ADRENAL FUNCTIO 1,833
PLOTNICK, LESLIE
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

CONTINUOUS SUBCUTANEOUS INSULIN INFUSION IN INSULIN DEPE 17,260
PLOTNICK, LESLIE
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

PRODUCTION RATE AND INTEGRATED CONCENTRATION OF VARIOUS 4,124
PLOTNICK, LESLIE
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

USE OF HGH IN TREATMENT OF HYPOPITUITARISM 21,384
PLOTNICK, LESLIE P
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

STUDIES IN CLINICAL GENETICS 106,157
PYERITZ, REED E
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

INVESTIGATION OF THE MARFAN SYNDROME 4,124
PYERITZ, REED E
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

HALOPERIDOL AND TOURETTE SYNDROME SERIAL STUDY 305
SINGER, HARVEY S
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

ORNITHINE OR KETOACIDS ON PROTEIN DEGRADATION IN DUCHENN 5,041
DRACHMAN, DANIEL B
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

L CARNITINE TREATMENT OF CARNITINE DEFICIENT MYOPATHY 14,205
VALLE, DAVID L
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

ORNITHINE METABOLISM IN GYRATE ATROPHY PATIENTS, HETEROZ 9,776
VALLE, DAVID L
JOHNS HOPKINS UNIVERSITY
BALTIMORE MD

	PHENYLALANINE CHALLENGE IN CHILDREN WITH PHENYLKETONURIA VALLE, DAVID L JOHNS HOPKINS UNIVERSITY BALTIMORE MD	4,888
	TETRAHYDROBIOPTERIN (BH4) TREATMENT OF DEFECTIVE BIOPTER VALLE, DAVID L JOHNS HOPKINS UNIVERSITY BALTIMORE MD	3,971
M01 RR00053-21	TRACE METAL ANALYSIS IN BLOOD AND URINE OF LEAD BURDENED ROSEN, JOHN MONTEFIORE HOSPITAL AND MED NEW YORK N Y	13,235
	DISSOCIATION OF LH SECRETION FROM SLEEP IN POLYCYSTIC OV ZUMOFF, BARNETT MONTEFIORE HOSPITAL AND MED NEW YORK N Y	4,632
M01 RR00054-21	OVARIAN & ADRENAL SECRETORY ABNORMALITIES IN HIRSUTISM & FARBER, MARTIN NEW ENGLAND MEDICAL CENTER BOSTON MASS	7,526
	SAFETY & EFFICACY OF PARLODEL (R) IN WOMEN WITH AMENORRH REICHLIN, SEYMOUR NEW ENGLAND MEDICAL CENTER BOSTON MASS	7,923
	MECHANISMS OF ACTH EFFECT IN INFANTILE MYOCLONIC SPASMS SINGER, WILLIAM NEW ENGLAND MEDICAL CENTER BOSTON MASS	11,884
	PROLACTIN, OXYTOCIN, & GONADOTROPIN LEVELS & SUCKLING FR REICHLIN, SEYMOUR NEW ENGLAND MEDICAL CENTER BOSTON MASS	19,410
M01 RR00055-21	RENAL BIOPSY PROVEN PREECLAMPSIA DETERMINED FROM LONG TE LINDHEIMER, MARSHALL UNIVERSITY OF CHICAGO CHICAGO ILL	1,393
M01 RR00058-21	PROSPECTIVE STUDIES OF OBESITY AND DIABETES DURING PREGN KALKHOFF, RONALD K MEDICAL COLLEGE OF WISCONSI MILWAUKEE WIS	119,922

	CATECHOLAMINES IN OBESITY, DIABETES AND PREGNANCY GUSTAFSON, ANTHONY B MEDICAL COLLEGE OF WISCONSI MILWAUKEE WIS	13,286
M01 RR00059-21	HYPERPROLACTINEMIA AND PATHOGENESIS OF POLYCYSTIC OVARIA LUCIANO, ANTHONY A UNIVERSITY OF IOWA IOWA CITY IOWA	21,057
	ACUTE RESPIRATORY ILLNESSES IN SURVIVORS OF INFANT RDS MYERS, MARTIN UNIVERSITY OF IOWA IOWA CITY IOWA	36,640
	PHARMACOLOGIC STUDIES IN A CHILD WITH PRESUMPTIVE DEFECT RHEAD, WILLIAM J UNIVERSITY OF IOWA IOWA CITY IOWA	948
	BIOAVAILABILITY OF ORAL THEOPHYLLINE PREPARATIONS IN CHI WEINBERGER, MILES M UNIVERSITY OF IOWA IOWA CITY IOWA	1,579
M01 RR00064-18	PATTERNS OF GASTROESOPHAGEAL REFLUX IN CHILDREN HERBST, JOHN J UNIVERSITY OF UTAH SALT LAKE CITY UTAH	4,022
	VAGINAL COLONIZATION WITH STAPHYLOCOCCI TOXIC SHOCK SYN SMITH, CHARLES B UNIVERSITY OF UTAH SALT LAKE CITY UTAH	15,908
	PHARMACOKINETICS OF PHENYTOIN AND ITS METABOLITES DURING KOCHENOUR, NEIK K UNIVERSITY OF UTAH SALT LAKE CITY UTAH	2,413
M01 RR00065-20	GROWTH FAILURE IN POST TRANSPLANT CHILDREN 1,25 DIHYDROX CHAN, JAMES C M VIRGINIA COMMONWEALTH UNIVE RICHMOND VA	10,941
M01 RR00068-20	SERUM SEX HORMONES TO LIPIDS AND LIPOPROTEINS IN CHILDRE GLUECK, CHARLES J UNIVERSITY OF CINCINNATI CINCINNATI OHIO	27,201

PEDIATRIC AND PARENTAL FAMILIAL AND ACQUIRED TYPES OF HY 37,693
GLUECK, CHARLES J
UNIVERSITY OF CINCINNATI
CINCINNATI OHIO

METABOLIC STUDIES IN CHILDREN WITH FAMILIAL TYPE IV HYPE 29,843
GLUECK, CHARLES J
UNIVERSITY OF CINCINNATI
CINCINNATI OHIO

THE JUVENILE DIABETIC HEART CLINICAL, PATHOLOGICAL AND 27,978
SCOTT, RALPH C
UNIVERSITY OF CINCINNATI
CINCINNATI OHIO

JUVENILE DIABETIC INSULIN RESISTANCE 6,062
KNOWLES, HARVEY C
UNIVERSITY OF CINCINNATI
CINCINNATI OHIO

BLOOD SUGAR CONTROL IN DIABETIC PREGNANCY 183,489
KNOWLES, HARVEY C
UNIVERSITY OF CINCINNATI
CINCINNATI OHIO

CARE OF INFANTS IN HIGH RISK PREGNANCIES 16,087
TSANG, REGINALD C
UNIVERSITY OF CINCINNATI
CINCINNATI OHIO

M01 RR00069-20 BILIARY ATRESIA & INFANTILE CHOLESTATIC LIVER DISEASE (K 358,652
LILLY, JOHN R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

CIMETIDINE (PEPTIC ULCER, GASTRIC HYPERSECRETION, PEPTIC 612
LILLY, JOHN R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

LIVER TRANSPLANT WITH THORACIC DUCT FISTULA (LYMPHAPHERE 1,312
STARZL, THOMAS E
UNIVERSITY OF COLORADO HLTH
DENVER COLO

INBORN METABOLIC ERROR: HYPERLIPIDEMIA & GLYCOGEN (PORTA 525
STARZL, THOMAS E
UNIVERSITY OF COLORADO HLTH
DENVER COLO

METABOLIC SUBSTRATE TURNOVER & INTERCONVERSION RATES(NEW 4,197
HAY, WILLIAM W, JR
UNIVERSITY OF COLORADO HLTH
DENVER COLO

NEONATAL EFFECT OF MATERNALLY ADMINISTERED BSYMPATHOMIME 1,049
HAY, WILLIAM W, JR
UNIVERSITY OF COLORADO HLTH
DENVER COLO

FUROSEMIDE & AMINOGLYOSIDE TOXICITY IN THE NEONATE (LASI 9,181
PETERSON, ROBERT G
UNIVERSITY OF COLORADO HLTH
DENVER COLO

TRACE ELEMENT BALANCE IN LOW BIRTH WEIGHT INFANTS 45,903
HAMBIDGE, K MICHAEL
UNIVERSITY OF COLORADO HLTH
DENVER COLO

HEPARIN METABOLISM IN NEWBORN (CLOTTING & CHROMOGENIC AS 24,656
HATHAWAY, WILLIAM E
UNIVERSITY OF COLORADO HLTH
DENVER COLO

INTRACEREBRAL HEMORRHAGE IN PRETERM INFANTS (INCIDENCE, 87
GUGGENHEIM, MARYANNE
UNIVERSITY OF COLORADO HLTH
DENVER COLO

HIGH RISK INFANTS WEIGHING LESS THAN 1500 GMS (INTRAPART 262
KOOPS, BEVERLY
UNIVERSITY OF COLORADO HLTH
DENVER COLO

NEONATAL HYPERVISCOSITY & SEQUELAE (CORD BLOOD, POLYCYTH 2,623
KOOPS, BEVERLY
UNIVERSITY OF COLORADO HLTH
DENVER COLO

DETECTION AND PREVENTION OF HEARING DEFICITS DUE TO HYPE 9,355
KOOPS, BEVERLY
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ZINC NUTRITION DURING PREGNANCY AND LACTATION (PLASMA, U 8,918
HAMBIDGE, K MICHAEL
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ZINC SUPPLEMENTATION IN PRESCHOOL CHILDREN, (GROWTH VEL 1,924
WALRAVENS, PHILIP
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ZINC AND FAILURE TO THRIVE 2,536
HAMBIDGE, K MICHAEL
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ZINC NUTRITIONAL STATUS IN DIABETES MELLITUS (MATURATION 67,499
CANFIELD, WESLEY K
UNIVERSITY OF COLORADO HLTH
DENVER COLO

INTERMEDIARY METABOLISM (AA, STEROIDS; FATTY ACID HPLC; 64,876
MCCABE, EDWARD R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

HYPERPHENYLALANEMIA AND PKU (GROWTH, DEVELOPMENTAL PSYCH 32,001
MCCABE, EDWARD R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ZINC METABOLISM IN ACRODERMATITIS ENTEROPATHICA (THERAPY 350
HAMBIDGE, K MICHAEL
UNIVERSITY OF COLORADO HLTH
DENVER COLO

MALIGNANT HYPERTHERMIA 262
SOLOMONS, CLIVE C
UNIVERSITY OF COLORADO HLTH
DENVER COLO

OSTEOGENESIS IMPERFECTA 3,760
SOLOMONS, CLIVE C
UNIVERSITY OF COLORADO HLTH
DENVER COLO

JUVENILE DIABETES MELLITUS CONTROL (BIOCHEMICAL, NUTRITI 66,712
CHASE, H PETER
UNIVERSITY OF COLORADO HLTH
DENVER COLO

TRANSFUSION & FE CHELATION FOR REFRACTORY ANEMIAS (ANEMI 30,077
AMBRUSO, DANIEL R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

TISSUE GRAFTS IN IMMUNE DISEASE (APLASTIC ANEMIAS, BONE 4,547
GITHENS, JOHN H
UNIVERSITY OF COLORADO HLTH
DENVER COLO

CHILDHOOD MALIGNANCY (LEUKEMIA, LYMPHOMAS, SOLID TUMORS) 8,743
GITHENS, JOHN H
UNIVERSITY OF COLORADO HLTH
DENVER COLO

CLINICAL CORRELATES OF B CELL RESPONSES IN PRIMARY VARIE 1,486
HAYWARD, ANTHONY R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

EFFECT OF MATERNAL PHENYTOIN TREATMENT ON THE DEVELOPMEN 4,721
HAYWARD, ANTHONY R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

BIOCHEMICAL NEUROLOGICAL DEGENERATIVE DISEASES (FIBROBLA 11,716
STUMPF, DAVID A
UNIVERSITY OF COLORADO HLTH
DENVER COLO

STUDIES OF FRIEDREICHS ATAXIA CARDIOMYOPATHY 525
STUMPF, DAVID A
UNIVERSITY OF COLORADO HLTH
DENVER COLO

RESPIRATION IN INFANTS WITH UNEXPLAINED APNEA (NEAR MISS 1,312
ACCURSO, FRANK J
UNIVERSITY OF COLORADO HLTH
DENVER COLO

DEVELOPMENTAL STUDIES IN VOCALIZATION (HIGH RISK MOTHERS 36,285
CAMP, BONNIE
UNIVERSITY OF COLORADO HLTH
DENVER COLO

INSULIN GROWTH FACTOR IN HYPOPITUITARY CHILDREN (SLEEP, 63,739
KLINGENSMITH, GEORGA
UNIVERSITY OF COLORADO HLTH
DENVER COLO

FOLLOW UP STUDIES ON NEONATES WITH SEX CHROMOSOMAL ABNOR 175
ROBINSON, ARTHUR
UNIVERSITY OF COLORADO HLTH
DENVER COLO

HEARING LOSS IN DOWNS SYNDROME DEVELOPMENTAL SEQUELAE (JAFEK, BRUCE W UNIVERSITY OF COLORADO HLTH DENVER COLO	2,448
ANALYSIS OF CSF AS A PREDICTOR OF THE ETIOLOGIC AGENT IN BARKIN, ROGER M UNIVERSITY OF COLORADO HLTH DENVER COLO	175
EFFICACY & SAFETY OF SUBCUTANEOUS INSULIN PUMP INFUSION KLINGENSMITH, GEORGA UNIVERSITY OF COLORADO HLTH DENVER COLO	10,142
INTRACRANIAL HEMORRHAGE IN HIGH RISK NEONATES (DIAGNOSIS KOOPS, BEVERLY UNIVERSITY OF COLORADO HLTH DENVER COLO	23,694
THE EFFECTS OF TACTILE STIMULATION ON RATE OF GROWTH IN KOOPS, BEVERLY UNIVERSITY OF COLORADO HLTH DENVER COLO	6,033
INCIDENCE OF PROLONGED HYPERBILIRUBINEMIA IN THE FIRST 4 DIMARIA, VINCENT A UNIVERSITY OF COLORADO HLTH DENVER COLO	262
FIBROBLAST TRANSPLANTATION IN LATE ONSET GM2 GANGLIOSIDO GOODMAN, STEPHEN I UNIVERSITY OF COLORADO HLTH DENVER COLO	87
NEUROMUSCULAR DISEASE IN CHILDREN WITH VITAMIN E DEFICIE GUGGENHEIM, MARYANNE UNIVERSITY OF COLORADO HLTH DENVER COLO	1,137
FAMILIAL THROMBOCYTOPENIA HATHAWAY, WILLIAM E UNIVERSITY OF COLORADO HLTH DENVER COLO	1,486
USE OF AMINOTHIOLS IN CYSTINOSIS O'BRIEN, DONOUGH UNIVERSITY OF COLORADO HLTH DENVER COLO	2,011

EXPLORATION OF NOISE LEVELS IN THE PREMIE NURSERY 1,049
MITCHELL, SHARON M
UNIVERSITY OF COLORADO HLTH
DENVER COLO

CIRCADIAN RESPIRATORY RHYTHMS IN PRETERM INFANTS (HYALIN 3,148
UPDIKE, PHYLLIS
UNIVERSITY OF COLORADO HLTH
DENVER COLO

IN UTERO RX OF CONGENITAL X LINKED HYDROCEPHALUS VIA TRA 16,263
CLEWELL, WILLIAM H
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ZINC SUPPLEMENTATION OF INFANTS AND TODDLERS 525
WALRAVENS, PHILIP A
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ANTIPYRETIC UTILITY & SAFETY OF DOSES OF ACETOMINOPHEN I 787
PETERSON, ROBERT G
UNIVERSITY OF COLORADO HLTH
DENVER COLO

ENDOSCOPIC SCLEROSIS OF ESOPHAGEAL VARICES 48,788
LILLY, JOHN R
UNIVERSITY OF COLORADO HLTH
DENVER COLO

DIABETES MELLITUS & INTRAVENOUS & SUBCUTANEOUS INSULIN (2,098
KOLTERMAN, ORVILLE G
UNIVERSITY OF COLORADO HLTH
DENVER COLO

EFFECT OF NALOXONE ON PERIODIC BREATHING AND APNEA IN PR 787
ACCURSO, FRANK J
UNIVERSITY OF COLORADO HLTH
DENVER COLO

FUROSEMIDE ON OXYGENATION & PULMONARY FUNCTIONS IN BRONC 262
ABMAN, STEVE H
UNIVERSITY OF COLORADO HLTH
DENVER COLO

M01 RR00071-19 GENETIC AND GESTATIONAL INFLUENCES ON CHILDHOOD OBESITY 126,245
GINSBERG-FELLNER, FR
MOUNT SINAI SCHOOL OF MEDIC
NEW YORK N Y

	COMPLICATIONS OF CNS PROPHYLAXIS IN CHILDHOOD ALL HARRIS, MICHAEL B MOUNT SINAI SCHOOL OF MEDIC NEW YORK N Y	466
M01 RR00073-20	ADRENAL STEROIDS IN CONGENITAL ADRENAL HYPERPLASIA: DETE CAVALLO, ANITA UNIVERSITY OF TEXAS MED BR GALVESTON TEX	4,675
	HEPATIC EXCRETION & IGA IN BILIARY ATRESIA AND IDIOPATHI ISENBERG, J NEVIN UNIVERSITY OF TEXAS MED BR GALVESTON TEX	3,818
	TREATMENT OF PACHYONYCHIA CONGENITA WITH 13 CIS RETINOIC JORIZZO, JOSEPH L UNIVERSITY OF TEXAS MED BR GALVESTON TEX	5,766
	DIAGNOSTIC TEST DISTINGUISHING BETW BILIARY OBSTRUCTION POWELL, GERALDINE K UNIVERSITY OF TEXAS MED BR GALVESTON TEX	7,246
	PROTRACTED DIARRHEA WITH FAILURE TO THRIVE IN INFANCY POWELL, GERALDINE K UNIVERSITY OF TEXAS MED BR GALVESTON TEX	21,038
M01 RR00075-19	MECHANISM OF PRECOCIOUS PUBERTY IN HYPOTHYROIDISM REZVANI, IRAJ ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	2,030
	TREATMENT OF CHILDREN WITH NON KETOTIC HYPERGLYCINEMIA W GROVER, WARREN D ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	2,707
	STUDY OF SEVERELY RETARDED CHILDREN WITH SYMPTOMS OF GAS WIDZER, STEVEN ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	30,005
	PITUITARY GONADAL INTERACTION IN PUBERTY, HYPOGONADISM & DIGEORGE, ANGELO M ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	10,829

	CONGENITAL ADRENAL HYPOPLASIA (HYPOGONADISM IN ADOLESCEN DIGEORGE, ANGELO M ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	7,219
	TERATOGENIC ONCOGENIC INTERRELATIONSHIPS (WILMS ANIRIDIA DIGEORGE, ANGELO M ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	2,482
	CONGENITAL ADRENAL HYPERPLASIA SUPPRESSIVE EFFECT OF FL REZVANI, IRAJ ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	5,866
	SYNDROME OF CONGENITAL INSENSITIVITY TO THYROID HORMONE REZVANI, IRAJ ST. CHRISTOPHER'S HOSPITAL PHILADELPHIA PA	4,512
M01 RR00079-20	EFFECTS OF MEDICAL MANAGEMENT IN CHILDREN WITH KIDNEY DI HOLLIDAY, MALCOLM A UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	4,281
	RENAL TUBULAR ACIDIFICATION IN CHILDHOOD MCSHERRY, ELISABETH UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	57,263
	PATHOGENESIS OF IDIOPATHIC AND KETOTIC HYPOGLYCEMIA IN I KAPLAN, SELNA L UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	5,352
	ENERGY METABOLISM IN UREMIC CHILDREN HOLLIDAY, MALCOLM A UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	13,914
	TSH SECRETION IN CHILDREN KAPLAN, SELNA L UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	2,141
	GLUCOCORTICOID SUPPRESSION OF ADRENAL FUNCTION IN CONGEN KAPLAN, SELNA L UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	8,563

	GONADOTROPIN SECRETION IN CHILDREN KAPLAN, SELNA L UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	65,291
	METABOLIC ABNORMALITIES OF HEREDITARY FRUCTOSE INTOLERAN THALER, MICHAEL M UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	7,492
	LIPOPROTEIN STRUCTURE IN CHILDREN & ADULTS WITH HYPO AN MALLOY, MARY J UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	4,817
	EFFICACY OF CIMETIDINE IN PEPTIC ULCER DISEASE IN CHILDR LIEBMAN, WILLIAM M UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	1,070
	CHILDREN WITH GROWTH RETARDATION DUE TO BIOINACTIVE GH O KAPLAN, SELNA L UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	11,774
	EFFECTS OF EXERCISE TRAINING IN CHILDREN WITH KIDNEY DIS HOLLIDAY, MALCOLM A UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	1,606
	LRF AGONIST (D TRP6 PRO9 NIT LRF) FOR TREATMENT OF PREC KAPLAN, SELNA L UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	25,153
	INVESTIGATION OF CUSHINGS DISEASE IN CHILDHOOD STYNE, DENNIS M UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	8,563
M01 RR00080-20	RESPIRATORY PATTERNS IN HIGH RISK SUDDEN INFANT DEATH SY FLEMING, DAVID UNIVERSITY HOSPITALS OF CLE CLEVELAND OHIO	28,322
	PARENT INFANT ATTACHMENT: PREMATURES AND FULL TERMS KENNELL, JOHN H UNIVERSITY HOSPITALS OF CLE CLEVELAND OHIO	20,318

	2 DEOXYGLUCOSE AS TEST FOR CHILDHOOD HYPOGLYCEMIA/FASTIN KERR, DOUGLAS S UNIVERSITY HOSPITALS OF CLE CLEVELAND OHIO	3,078
	CONGENITAL ALACRIMA WITH SENSORY NEUROPATHY LASS, JOHATHON UNIVERSITY HOSPITALS OF CLE CLEVELAND OHIO	821
	PITUITARY FUNCTION IN CHILDREN OF REDUCED STATURE OWENS, RUTH P UNIVERSITY HOSPITALS OF CLE CLEVELAND OHIO	56,643
	MATURATION OF CHILDREN WITH GONADAL DYSFUNCTION OWENS, RUTH P UNIVERSITY HOSPITALS OF CLE CLEVELAND OHIO	2,463
M01 RR00081-20	ASSISTED VENTILATION IN THE TREATMENT OF RESPIRATORY FAI ARIAGNO, RONALD L STANFORD UNIVERSITY STANFORD CALIF	48,207
	SCREENING FOR HEARING LOSS IN PREMATURE INFANTS SIMMONS, F BLAIR STANFORD UNIVERSITY STANFORD CALIF	7,323
	THE DEVELOPMENT OF MOTILITY AND CRYING PATTERNS IN PREMA KORNER, ANNELIESE F STANFORD UNIVERSITY STANFORD CALIF	12,814
	INFLUENCE OF OSCILLATING WATER BEDS ON THE INCIDENCE AND KORNER, ANNELIESE F STANFORD UNIVERSITY STANFORD CALIF	13,501
	STUDIES OF INFANTS WITH RESPIRATORY DISTRESS SYNDROME ARIAGNO, R L STANFORD UNIVERSITY STANFORD CALIF	1,983
	EVALUATION OF TRANSPORT SYSTEM FOR CRITICALLY ILL INFANT HACKEL, ALVIN STANFORD UNIVERSITY STANFORD CALIF	14,187

SLEEP AND RESPIRATION IN PREMATURES WITH APNEA AND NEAR 15,560
ARIAGNO, R L
STANFORD UNIVERSITY
STANFORD CALIF

STUDIES OF CYTOMEGALOVIRAL INFECTIONS IN NEONATES 17,772
YEAGER, ANNE S
STANFORD UNIVERSITY
STANFORD CALIF

EVALUATION OF A BLOOD DONOR PROTOCOL IN AN INTENSIVE CAR 16,247
YEAGER, ANNE S
STANFORD UNIVERSITY
STANFORD CALIF

MEASUREMENT OF BILIRUBIN PRODUCTION IN NEONATES 17,391
STEVENSON, DAVID K
STANFORD UNIVERSITY
STANFORD CALIF

INFANTS WITH GASTROINTESTINAL CATASTROPHES IN THE NEONAT 458
STEVENSON, DAVID K
STANFORD UNIVERSITY
STANFORD CALIF

FOLLOW UP STUDIES OF INFANTS WEIGHING 1,000GM OR LESS AT 7,628
ARIAGNO, R L
STANFORD UNIVERSITY
STANFORD CALIF

TREATMENT OF NEONATAL HERPES INFECTION 14,416
YEAGER, ANNE S
STANFORD UNIVERSITY
STANFORD CALIF

STUDIES OF DEFECTS OF UREA BIOSYNTHESIS 1,373
SUNSHINE, PHILIP
STANFORD UNIVERSITY
STANFORD CALIF

DIAGNOSIS AND TREATMENT OF INFANTS WITH CONGENITAL TOXOP 6,712
REMINGTON, JACK S
STANFORD UNIVERSITY
STANFORD CALIF

USE OF BREATH HYDROGEN TO EVALUATE ABSORPTION IN THE PRE 19,908
STEVENSON, DAVID K
STANFORD UNIVERSITY
STANFORD CALIF

	HEMOGLOBIN A1C IN PREGNANT DIABETICS AND THEIR INFANTS SCHWARTZ, HERBERT C STANFORD UNIVERSITY STANFORD CALIF	10,069
	USE OF ULTRASOUND TO DETECT INTRACRANIAL HEMORRHAGE IN P ENZMANN, DIETER R STANFORD UNIVERSITY STANFORD CALIF	24,256
	NEONATAL SEIZURES AND INTRAVENTRICULAR HEMORRHAGE THARP, BARRY R STANFORD UNIVERSITY STANFORD CALIF	21,739
	ENTERAL FEEDING OF LOW BIRTH WEIGHT INFANTS: WHEY BASED KERNER, JOHN A STANFORD UNIVERSITY STANFORD CALIF	18,078
	GASTROESOPHAGEAL REFLUX IN INFANTS RECEIVING ASSISTED VE ARIAGNO, R L STANFORD UNIVERSITY STANFORD CALIF	11,442
	USE OF PROSTAGLANDIN E1 IN TREATMENT OF INFANTS WITH DIA SHOCHAT, S STANFORD UNIVERSITY STANFORD CALIF	16,476
	FREE THYROXINE AND THYROID SCREENING IN THE PRETERM AND HINTZ, RAYMOND L STANFORD UNIVERSITY STANFORD CALIF	9,153
	STUDIES OF LUNG DISEASE SECONDARY TO CMV, CHLAMYDIA AND YEAGER, ANNE S STANFORD UNIVERSITY STANFORD CALIF	9,153
M01 RR00082-20	THERMAL METHOD OF NATURAL FAMILY PLANNING ABRAMS, ROBERT M UNIVERSITY OF FLORIDA GAINESVILLE FLA	11,639
	NORMAL OVARIAN FUNCTION IN HYPERPROLACTINEMICS WITHOUT P DEVANE, GARY W UNIVERSITY OF FLORIDA GAINESVILLE FLA	11,825

CONGENITAL HYPOFIBRINOGENEMIA 3,073
KITCHENS, CRAIG S
UNIVERSITY OF FLORIDA
GAINESVILLE FLA

NOCTURNAL BREATHING & HYPOXEMIA IN CHILDREN WITH LARGE T 279
LOUGHLIN, GERALD M
UNIVERSITY OF FLORIDA
GAINESVILLE FLA

SMALL BOWEL RESECTION ON GASTRIN AND SECRETIN LEVELS IN 1,676
MOAZAM, FARHAT
UNIVERSITY OF FLORIDA
GAINESVILLE FLA

REGIMEN FOR EMBRYONAL CELL CARCINOMA 5,028
WEINER, ROY S
UNIVERSITY OF FLORIDA
GAINESVILLE FLA

M01 RR00084-20 ETIOLOGY & THERAPY OF HYPOGLYCEMIA 42,680
DRASH, ALLAN L
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

ENDOCRINE & METABOLIC FACTORS ASSOCIATED WITH ALTERATION 57,834
FOLEY, THOMAS P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

PATHOLOGIC ALTERATIONS OF THYROID FUNCTION 2,224
FOLEY, THOMAS P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

ASSESSMENT OF HUMORAL AND CELLULAR MEDIATED IMMUNITY 4,449
FIREMAN, PHILIP
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

FACTORS CONTROLLING THE TIME OF SEXUAL MATURATION 28,222
FOLEY, THOMAS P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

HYPOTHALAMIC HYPOGONADISM & ADOLESCENT DELAY WITH 5 DAY 5,422
FOLEY, THOMAS P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

METABOLIC & HORMONAL ALTERATIONS IN LONGTERM JUVENILE DI 141,526
DRASH, ALLAN L
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

NUTRITIONAL, LIPID & HORMONAL ABNORMALITIES IN PSYCHOSOC 26,275
BECKER,
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

EVALUATION OF GLUCOCORTICOID REPLACEMENT IN ADRENAL INSU 3,754
GUTAI, JAMES P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

ETIOLOGY, DIAGNOSIS & TREATMENT OF CONGENITAL HYPOTHYROI 16,544
FOLEY, THOMAS P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

DEVICES FOR IMPROVED MANAGEMENT OF DIABETES MELLITUS 21,688
GUTAI, JAMES P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

DEVELOPMENTAL ASPECTS OF ADRENAL CORTICAL & GONADAL FUNC 14,597
GUTAI, JAMES P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

AUTOIMMUNITY & ENDOCRINE DISEASE (REPLACEMENT THERAPY, T 2,502
DRASH, ALLAN L
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

CARBOHYDRATE METABOLISM OF CHILDREN ON KETOGENIC DIET FO 7,090
BECKER,
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

SEXUAL MATURATION IN UNTREATED HYPOTHYROIDISM; 3,337
GUTAI, JAMES P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

EVALUATION OF THE CHILD WITH PRECOCIOUS PUBERTY 7,507
GUTAI, JAMES P
CHILDREN'S HOSPITAL OF PITT
PITTSBURGH PA

	NEWLY DIAGNOSED JUVENILE ONSET DIABETES MELLITUS DRASH, ALLAN L CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	9,176
	ADMINISTRATION OF HUMAN GROWTH HORMONE BY JET INJECTION FOLEY, THOMAS P CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	14,458
	EFFECT OF GROWTH HORMONE ON GASTRIC INHIBITORY POLYPEPTI BECKER, CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	43,236
	GROWTH AND SEXUAL MATURATION IN CHILDREN WITH SICKLE CEL FOLLEY, THOMAS P CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	1,668
	RHINOPHARYNGITIS IN CHILDREN:TREATMENT OF UPPER RESPIRAT FOLLEY, THOMAS P CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	2,919
	CHILDHOOD WEIGHT CONTROL BY BEHAVIOR MODIFICATION EPSTEIN, LEONARD CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	20,158
	DEVELOPMENT OF A MORE RELIABLE TEST FOR PHENYLKETONURIA BRECK, JANE M CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	7,229
	LONG TERM SEQUELLAE OF H INFLUENZA MENINGITIS MICHAELS, RICHARD CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	5,283
	MAXILLARY SINUSITIS IN CHILDHOOD WALD, ELLEN R CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	7,368
M01 RR00088-19	BIOAVAILABILITY OF IRON & ZINC IN SOY ISOLATE & MEAT BAS YOUNG, VERNON R MASSACHUSETTS INSTITUTE OF CAMBRIDGE MASS	1,257

	SELENIUM KENETICS, STUDIED W/ STABLE SELENIUM 74 IN HEAL SCRIMSHAW, NEVIN S MASSACHUSETTS INSTITUTE OF CAMBRIDGE MASS	2,165
M01 RR00095-22	LONG TERM FOLLOW UP STUDY OF INFANTS WITH NEONATAL LUNG STAHLMAN, MILDRED VANDERBILT UNIVERSITY NASHVILLE TENN	31,811
	FAMILIAL PERIODIC MUSCLE WEAKNESS, CARDIAC ARRHYTHMIA, G SLONIM, ALFORD VANDERBILT UNIVERSITY NASHVILLE TENN	8,269
	PEDIATRIC CLINIC FOR EVALUATION OF NEW BACTERIAL AND VIR SELL, SARAH VANDERBILT UNIVERSITY NASHVILLE TENN	123,532
	CLINICAL PHARMACOLOGY OF AN ANALOG OF LHRH: EVALUATION O RABIN, DAVID VANDERBILT UNIVERSITY NASHVILLE TENN	52,569
	STUDY OF DRUG DISPOSITION/DYNAMICS DURING THE MENSTRUAL WOOD, ALASTAIR J J VANDERBILT UNIVERSITY NASHVILLE TENN	1,772
M01 RR00096-22	LITHIUM CARBONATE AND HALOPERIDOL IN HOSPITALIZED SCHOOL CAMPBELL, MAGDA NEW YORK UNIVERSITY NEW YORK N Y	16,188
	HALOPERIDOL AND ATTENTIONAL LEARNING IN AUTISTIC CHILDRE CAMPBELL, MAGDA NEW YORK UNIVERSITY NEW YORK N Y	8,993
	DIAGNOSIS OF CONGENITAL ADRENAL HYPERPLASIA WITH 21 HYDR DAVID, RAPHAEL NEW YORK UNIVERSITY NEW YORK N Y	28,778
	INTRAVENOUS FAT THERAPY OF CONGENITAL GASTROINTESTINAL D SANSARICQ, CLAUDE NEW YORK UNIVERSITY NEW YORK N Y	16,188

	SLEEP DISORDERS IN FAMILIAL DYSAUTONOMIA AXELROD, FELICIA NEW YORK UNIVERSITY NEW YORK N Y	16,862
M01 RR00102-19	STUDIES IN JUVENILE RHEUMATOID ARTHRITIS KORN, STEPHANIE ROCKEFELLER UNIVERSITY NEW YORK N Y	2,530
M01 RR00109-19	PROSTAGLANDIN SYNTHETASE INHIBITORS ON HUMAN CORPEUS LUT GIBSON, MARK UNIVERSITY OF VERMONT & ST BURLINGTON VT	1,717
M01 RR00123-19	BENIGN RECURRENT CHOLESTATIC HEPATITIS SCHUBERT, WILLIAM K CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	6,662
	HYPOGLYCEMIA IN NEWBORN BABIES AND INFANTS HUG, GEORGE CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	2,221
	ESTIMATION OF GLYCOLYSIS IN PATIENTS HUG, GEORGE CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	29,607
	MALABSORPTION SYNDROMES IN CHILDREN BALISTRERI, WILLIAM CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	144,335
	UNIDENTIFIED STORAGE DISEASE ASSOCIATED WITH FAMILIAL CI BALISTRERI, WILLIAM CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	740
	INVESTIGATION OF CHILDREN WITH SEIZURE DISORDERS FOGELSON, HAROLD CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	1,480
	PATHOGENESIS OF LATE, INFANTILE HYPOCALCEMIA TSANG, REGINALD C CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	1,974

PATIENTS WITH RICKETS AND OTHER DISEASES 5,551
MCENERY, PAUL T
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

FRUCTOSE 1 PHOSPHATE ALDOLASE DEFICIENCY 370
BALISTRERI, WILLIAM
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

IDIOPATHIC HYPERCALCEMIA OF INFANCY VITAMIN D RESPONSE 123
BERRY, HELEN K
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

ACUTE LACTIC ACIDOSIS DIAGNOSTIC AND THERAPEUTIC APPRO 17,394
HUG, GEORGE
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

BILE ACID UPTAKE BY THE SMALL INTESTINAL MUCOSA 123
HEUBI, JAMES E
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

ENZYME REPLACEMENT THERAPY BY FIBROBLAST TRANSPLANTATION 123
HUG, GEORGE
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

PATTERNS OF ESOPHAGEAL REFLUX IN INFANCY 67,110
FARRELL, MICHAEL K
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

TYPE II GLYCOGENOSIS: HEPATIC GLYCOGEN NOT DEGRADABLE BY 34,542
HUG, GEORGE
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

THE ROLE OF ACTH AND ENDOGENOUS OPIATES IN INFANTILE SPA 370
ROSS, DIANA L
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

VITAMIN E METABOLISM IN CHILDREN WITH CHRONIC CHOLESTATI 42,314
SOKOL, RONALD J
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

PREDNISILONE ON S INSULIN, GLUCAGON & GLUCOSE IN CIRRHOS 987
STRIFE, C FREDERIC
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

MICROTUBULES & POLYMORPHONUCLEAR LEUKOCYTES IN SHWACHMAN 493
WILLIAMS, DAVID
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

INSULIN SENSITIVITY AND GLUCOSE TURNOVER KINETICS IN HGH 370
CLEMONS, PETER
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

PITUITARY ADRENAL RESPONSE AFTER ACTH TREATMENT IN CHILD 1,110
ROSS, DIANA L
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

ABNORMALITIES IN THE ALPHA ANTITRYPSIN SYSTEM AND THEI 9,746
HUG, GEORGE
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

EFFECT OF GROWTH HORMONE ON THE REGULATION OF CALCIUM ME 34,418
BURSTEIN, STEPHEN
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

ILEAL DYSFUNCTION IN CROHNS DISEASE & POSTPRANDIAL SERUM 2,961
SUCHY, FREDERICK J
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

BILE ACID MALABSORPTION IN CYSTIC FIBROSIS OF THE PANCRE 493
FONDACARO, JOSEPH D
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

CADAVERINE EXCRETION TO EEG ABNORMALITIES IN PATIENTS WI 5,058
BERRY, HELEN K
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

NEONATAL CHOLESTATIC DISEASE: BILIARY ATRESIA AND NEONAT 18,258
BALISTRERI, WILLIAM
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

IRON CHELATION THERAPY FOR TRANSFUSIONAL HEMOSIDEROSIS I 1,110
LOBEL, JEFFREY S
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

LOWE SYNDROME: SERUM CONCENTRATION OF 25 HYDROXYVITAMIN 6,415
HUG, GEORGE
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

BMETHYLGLUTACONIC ACIDURIA AND A POSSIBLE DEFECT IN LEUC 3,701
SUCHY, FREDERICK J
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

SHORT STATURE AND DELAYED PUBERTAL DEVELOPMENT IN SICKLE 1,110
LOBEL, JEFFREY S
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

LUTEINIZING HORMONE RELEASING FASTOR AS A DIAGNOSTIC AGE 3,824
SPERLING, MARK A
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

STUDY OF CARNITINE DEFICIENCY SYNDROMES 46,015
HUG, GEORGE
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

USE OF CYSTEAMINE FOR THE TREATMENT OF CHILDREN WITH NEP 1,604
WEST, CLARK D
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

BILE ACID KINETICS IN INFANCY AND CHILDHOOD USING STABLE 740
HEUBI, JAMES E
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

STEROL METABOLISM IN GROWTH HORMONE DEFICIENT CHILDREN 73,771
HEUBI, JAMES E
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

DANAZOL IN A TREATMENT OF HEREDITARY ANGIONEUROTIC EDEMA 864
DONALDSON, VIRGINIA
CHILDREN'S HOSPITAL MEDICAL
CINCINNATI OHIO

PHENYLALANINE HYDROXYLASE ACTIVITY IN HUMAN LIVER BERRY, HELEN K CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	5,181
USE OF LITHIUM TO STIMULATE GRANULOPOIESIS IN NEUTROPENI HARRIS, RICHARD CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	8,265
PATHOGENESIS OF NEUTROPHIL DYSFUNCTION AND LYMPHOCYTE IM HARRIS, RICHARD CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	10,856
DIGITALIS IN CHRONIC HEART FAILURE IN CHILDREN JANOS, GREGORY CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	6,662
STUDIES IN THE PATHOGENESIS OF REYES SYNDROME AT CHMC 19 HEUBI, JAMES E CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	6,168
CLINICAL AND LABORATORY EVALUATION OF LIVER DISEASE IN H GRUPPO, RALPH CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	617
INVESTIGATION OF NEUROMUSCULAR DISORDERS IN CHILDREN IANNACCONE, SUSAN T CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	21,712
25 HYDROXYVITAMIN D BONE DISEASE ASSOCIATED WITH CHOLEST FARRELL, MICHAEL K CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	1,234
TREATMENT OF CHRONIC HEMOLYTIC UREMIC SYNDROME WITH PLAS WEST, CLARK D CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	740
THERMAL REGULATION AND SLEEP APNEA PERLSTEIN, PAUL H CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	740

	ZINC BALANCE IN INFANTS AND CHILDREN WITH ACUTE AND CHRO ROTHBAUM, ROBERT J CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	4,688
	CHANGES IN THE SERUM CONCENTRATION OF 24,25 DIHYDROXYVIT HUG, GEORGE CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	12,090
	CALCIUM REGULATION IN IDIOPATHIC JUVENILE OSTEOPOROSIS MARDER, HAROLD CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	3,331
	VITAMIN D METABOLISM IN INFANTILE LIVER DISEASE TSANG, REGINALD C CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	617
	DIAGNOSIS AND TREATMENT OF MALABSORPTION IN INFANCY HEUBI, JAMES E CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	96,964
	A STUDY OF GUT BRAIN HORMONES IN ANOREXIA NERVOSA ROSS, DIANA L CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	5,551
M01 RR00125-19	OFFSPRING OF MOTHERS WITH CHD WHITTEMORE, RUTH YALE UNIVERSITY NEW HAVEN CONN	578
	PHRENIC PACEMAKER IN CHILDREN GLENN, WILLIAM YALE UNIVERSITY NEW HAVEN CONN	97,761
	FETOSCOPY, FETAL BIOPSY AND ULTRASOUND MAHONEY, MAURICE YALE UNIVERSITY NEW HAVEN CONN	2,080
	CLONIDINE TX FOR NARCOTIC ADDICTED NEONATES, NEWBORNS HODER, LAWRENCE YALE UNIVERSITY NEW HAVEN CONN	347

NEUROBEHAVIORAL INSULT TO PRETERM NEWBORNS SCOTT, DAVID YALE UNIVERSITY NEW HAVEN CONN	693
BREAST FEEDING FOR THE PREMATURE INFANT EHRENKRANZ, RICHARD YALE UNIVERSITY NEW HAVEN CONN	1,733
VITAMIN E TO PREVENT PULMONARY O2 TOXICITY NEWBORNS WARSHAW, JOSEPH YALE UNIVERSITY NEW HAVEN CONN	1,387
HUMIDITY, POST EXTUBATION ATELECTASIS, NEWBORN PEREZ, ALICIA YALE UNIVERSITY NEW HAVEN CONN	3,120
PREGNANT DIABETICS (TYPE I) & PORTABLE INFUSION PUMPS (P COUSTAN, DONALD YALE UNIVERSITY NEW HAVEN CONN	45,298
LEAD INTOXICATION OF NEUROENDOCRINE AND REPRODUCTIVE FUN KAYNE, RICHARD YALE UNIVERSITY NEW HAVEN CONN	4,507
INSULIN PUMP TX PREGNANT DIABETIC TAMBORLANE, WILLIAM YALE UNIVERSITY NEW HAVEN CONN	2,080
HGH FX FOR NONGH DEFICIENT SHORT CHILDREN GERTNER, JOSEPH YALE UNIVERSITY NEW HAVEN CONN	5,778
CALCIUM METABOLISM IN INFANCY (WM SYNDROME, RENAL STONE, GERTNER, JOSEPH YALE UNIVERSITY NEW HAVEN CONN	1,387
MELATONIN/PRECOCIOUS PUBERTY GENEL, MYRON YALE UNIVERSITY NEW HAVEN CONN	462

	INITIATION OF PUBERTY WITH GNRH GENEL, MYRON YALE UNIVERSITY NEW HAVEN CONN	5,084
	GASTROESOPHAGEAL REFLUX IN INFANCY HILLEMEIER, CRAIG YALE UNIVERSITY NEW HAVEN CONN	31,085
	LACTULOSE RX FOR CHILDHOOD CONSTIPATION GRYBOSKI, JOYCE YALE UNIVERSITY NEW HAVEN CONN	924
	ULTRASOUND AND SCANNING IN PEDIATRIC LIVER DISEASE RIELY, CAROLINE YALE UNIVERSITY NEW HAVEN CONN	924
	CALCIUM AND VITAMIN D METABOLISM IN PREGNANCY KLIGER, ALAN YALE UNIVERSITY NEW HAVEN CONN	809
	JUVENILE DIABETES TREATMENT WITH A MINIATURIZED PORTABLE TAMBORLANE, WILLIAM YALE UNIVERSITY NEW HAVEN CONN	88,285
M01 RR00128-18	GASTROESOPHAGEAL REFLUX IN CHILDREN; PH MONITORING IN AS WINTER, HARLAND CHILDREN'S HOSPITAL MEDICAL BOSTON MASS	10,537
	INTRAMUSCULAR VIT E FOR SEVERE VITAMIN E DEFICIENCY ASSO GRAND, RICHARD J CHILDREN'S HOSPITAL MEDICAL BOSTON MASS	9,032
	POTENTIAL MODES OF THERAPY IN DIHYDROPTERIDINE REDUCTASE LEVY, HARVEY L CHILDREN'S HOSPITAL MEDICAL BOSTON MASS	3,312
	BIOCHEMICAL & NUTRITIONAL STUDY OF PROPRIONIC ACIDEMIA LEVY, HARVEY L CHILDREN'S HOSPITAL MEDICAL BOSTON MASS	12,042

LYMPHOCYTOPHORESIS IN MULTIPLE SCLEROSIS 16,658
WEINER, HOWARD L
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

EVAL OF CAUSES & THERAPY OF HYPERLIPIDEMIA; OPTIMISING T 1,204
BRESLOW, JAN L
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

SYMPATHETIC NERVOUS SYS RESPONSE & RED CELL ATPASE IN OB 2,107
CRIGLER, JOHN F, JR
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

ALLOGENEIC BONE MARROW TRANSPLANT W/ ANTIBODY TREATED HA 903
PARKMAN, ROBERTSON
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

INTRAVENOUS ADMIN OF DYSAGGREGATED GAMMA GLOBULIN IN IMM 1,305
ROSEN, FRED S
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

IN VIVO CLEARANCE OF HETERO ANTIBODY COATED CELLS 15,956
PARKMAN, ROBERTSON
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

METABOLIC STUDIES OF 123I AND 131I LABELLED PROTEINS 7,928
ROSEN, FRED S
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

IRON CHELATION W/ DESFEROXAMINE & CARDIAC FNC IN TRANSFU 24,285
PROPPER, RICHARD D
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

NEUROENDOCRINE FUNCTION IN CHILDREN, PHYSIOLOGICAL & PHA 16,056
CRIGLER, JOHN F, JR
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

GASTROSTOMY FEEDING IN TYPE I GLYCOGENOSIS 11,239
CRIGLER, JOHN F, JR
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

BLOOD GLUCOSE REGULATION IN JUVENILE ONSET DIABETES 1,505
GABBAY, KENNETH H
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

PARATHYROID HORMONE & CALCITONIN (OSTEOPENIA, RICKETS, R 38,334
ANAST, CONSTANTINE S
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

OSTEOPETROSIS TREATED W/ 1,25 (OH)2 VITAMIN D , STIMULAT 1,806
ANAST, CONSTANTINE S
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

BONE & MINERAL METAB IN CHILDREN, CALCIUM REGULATING HOR 8,730
ANAST, CONSTANTINE S
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

LHRH ON PUBERTY, ISOSEXUAL PRECOCITY, MONOTROPIC GROWTH 1,204
CRIGLER, JOHN F, JR
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

NUTRITIONAL BASIS OF GROWTH FAILURE IN CHRONIC DISEASE 3,613
GRAND, RICHARD J
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

ILEAL DYSFUNCTION SYNDROMES; CONGENITAL ABNORMALITIES IN 43,953
GRAND, RICHARD J
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

METAB STUDY OF LIVER DIS IN CHILDREN; BIOPSIES, GLUCOCOR 21,074
GRAND, RICHARD J
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

IMMUNOLOGIC BASIS OF INTESTINAL DISEASE IN CHILDREN 15,454
WINTER, HARLAND
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

GASTROESOPHAGEAL REFLUX IN PATIENTS WHO HAD TRACHEOESOPH 2,107
WINTER, HARLAND
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

ANTIBODY DEFICIENCY SYNDROME, IMMUNOLOGY, DYSGAMMAGLOBUL 70,446
GEHA, RAIF
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

ALLOGENEIC BONE MARROW TRANSPLANTATION; APLASTIC ANEMIA, 218,261
PARKMAN, ROBERTSON
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

DANAZOL IN TREATMENT OF HEREDITARY ANGIONEUROTIC EDEMA 2,709
ROSEN, FRED S
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

THYMIC TRANSPLANT & THYMIC HORMONE REPLACEMENT THERAPY I 44,555
PARKMAN, ROBERTSON
CHILDREN'S HOSPITAL MEDICAL
BOSTON MASS

M01 RR00188-18 GASTROESOPHAGEAL REFLUX: TREATMENT METOCLOPRAMIDE 372
DONOVAN, G KEVIN
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

GASTROESOPHAGEAL REFLUX CHILDHOOD 16,368
FERRY, GEORGE D
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

TREATMENT HYDROCEPHALUS NEONATES INFANTS ORAL GLYCEROL 2,604
FISHMAN, MARVIN
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

CONTROL VENTRICULAR DYSRHYTHMIAS AMBULATORY CHILDREN 8,184
GARSON, ARTHUR, JR
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

ELECTROPHYSIOLOGIC EVALUATION PATIENTS REPAIR TETRALOGY 14,508
GARSON, ARTHUR, JR
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

MALABSORPTION ASSOCIATED LACTOSE INTOLERANCE PART I: INF 2,232
GARZA, CUTBERTO
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

CONTROL SUPRAVENTRICULAR DHYRHYTHMIAS INFANTS CHILDREN 14,880
GILLETTE, PAUL C
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

SUPRAVENTRICULAR TACHYCARDIA INTERMEDICS PROGRAMMABLE AT 1,116
HESSLEIN, PETER S
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

AMIODARONE: HEMODYNAMIC ELECTROPHYSIOLOGIC THERAPEUTIC C 8,432
HESSLEIN, PETER S
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

DELINEATION PATTERNS INHERITANCE 868
BEAUDET, ARTHUR L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

EVALUATION DIETARY THERAPY VITAMIN RESPONSIVENESS INBORN 17,484
BEAUDET, ARTHUR L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

MEDICAL MANAGEMENT GLYCOGEN STORAGE DISEASE 10,292
BEAUDET, ARTHUR L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

TUBEROUS SCLEROSIS: CLINICAL, GENETIC, BIOCHEMICAL STUDI 868
BEAUDET, ARTHUR L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

BIOCHEMICAL STUDIES FAMILIAL MENTAL GROWTH RETARDATION 2,976
BEAUDET, ARTHUR L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

GASTROINTESTINAL HYPOPITUITARISM BEFORE AFTER HUMAN GROW 2,108
CLAYTON, GEORGE W
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

TESTOSTERONE CONCENTRATION LIPOPROTEIN CHOLESTEROL MALE 13,144
CLAYTON, GEORGE W
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

INSULIN PHARMACOKINETICS INSULIN TREATED DIABETICS 372
HILL, L LEIGHTON
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

TUBULAR FNC GLOMERULAR FNC INFANTS CHILDREN HERDITARY IS 9,300
HILL, LEIGHTON L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

THERAPY CHILDHOOD DM CONTINUOUS SUBCUT ADM INSULIN PORTA 63,858
HILL, LEIGHTON L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

EFFICACY MOXALACTAM: NON CNS INFECTIONS HAEMOPHILUS INFL 6,696
KAPLAN, SHELDON L
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

COMPREHENSIVE EVALUATION INFANTS UNEXPLAINED APNEIC/CYAN 8,556
KATZ, CAROL LYNN
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

STUDY SERUM LEVELS ORAL CHLORAMPHENECOL PATIENTS CYSTIC 1,116
KATZ, CAROL LYNN
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

SALT CALCIUM HOMEOSTASIS PSEUDOHYPOALDOSTERONISM 5,580
KEENAN, BRUCE S
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

DESOXYCORTICOSTERONE ACETATE (DOCA) INFANTS CHILDREN ADR 15,996
KEENAN, BRUCE S
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

ANDROGEN INSENSITIVITY HYPOSPADIAS 3,968
KEENAN, BRUCE S
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

AGE LOW DOSE ESTROGEN ADM CLINICAL BIOCHEMICAL PARAMETER 7,564
KIRKLAND, REBECCA T
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

FAMILIAL THYROID DISEASE 2,604
KIRKLAND, REBECCA T
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

HGH ADMIN IN VARYING DOSES IN IDIOPATHIC HYPOPITUITARISM 40,051
KIRKLAND, REBECCA T
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

SAFETY EFFICACY BIOSYNTHETIC HGH SUBJECTS & GROWTH FAILU 7,068
KIRKLAND, REBECCA T
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

HEMODYNAMIC BENEFITS CHRONIC AV SEQUENTIAL PACING CHILDR 18,847
LATSON, LARRY A
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

GENETIC STUDY INHERITED EYE DISORDERS 2,976
LEWIS, RICHARD A
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

PROSPECTIVE STUDY CNS SIDE EFFECTS CHILDHOOD ALL 18,228
MAHONEY, DONALD H
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

LITHIUM TREATMENT NEUTROPENIA GLYCOGEN STORAGE DISEASE T 17,856
MAHONEY, DONALD H
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

BILE ACID METABOLISM 1,860
NICHOLS, BUFORD L, J
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

LONGITUDINAL EVALUATION GIANT CELL HEPATITIS 5,208
NICHOLS, BUFORD L, J
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

PROSPECTIVE STUDY NATURAL HISTORY NEUROFIBROMATOSIS 59,270
RICCARDI, VINCENT M
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

ANTIPLATELET AGENTS STEROID RESISTANT NEPHROTIC SYNDROME 4,092
SANJAD, SAMI A
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

THERAPY CHILD MAINTAINED GNOTOBIOTIC ISOLATION SEVERE CO 120,897
SHEARER, WILLIAM T
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

THERAPEUTIC STRATEGIES PATIENTS SEVERE COMBINED IMMUNODE 12,276
SHEARER, WILLIAM T
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

PLATELET FUNCTION SURVIVAL PULMONARY VASCULAR OBSTRUCTIV 744
STEUBER, PHILLIP C
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

LONGITUDINAL EXPERIENCE FAMILY GROUPS INFLUENZA RESPIRAT 8,680
TABER, LARRY H
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

HERPES SIMPLEX ENCEPHALITIS: VIDARABINE, ACYCLOVIR, MONO 4,092
TABER, LARRY H
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

CONGENITAL SYPHILIS. PROSPECTIVE RETROSPECTIVE STUDY 1,860
TABER, LARRY H
BAYLOR COLLEGE OF MEDICINE
HOUSTON TEX

M01 RR00210-18 ANTEPARTUM FETAL MONITORING: FETAL HT RATE; GESTATIONAL 20,499
DIERKER, LEROY J
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

ANTENATAL DETERM OF HUMAN FETAL CARDIAC TIME INTERVALS (3,606
WOLFSON, ROBERT N
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

SONOGRAPHIC CHANGES IN THE MATURING PLACENTA & AMNIOTIC 19,740
KAZZI, GEORGE
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

COMPUTER LABORATORY, INTRAPARTUM FETAL MONITORING (LOW B 183,926
SOKOL, ROBERT J
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

DOCUMENTATION OF FETAL SLEEP STATES IN LABOR 22,777
DIERKER, LEROY J
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

EFFECT OF AMBULATION ON LABOR NORMALITY (TRIAL) 759
GROSS, THOMAS L
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

FETAL PHYSIOLOGIC EFFECTS OF LIDOCAINE OR CHLOROPROCAINE 17,842
KUHNERT, BETTY R
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

INTRAPARTUM PHARMACOKINETICS OF MEPERIDINE 759
KUHNERT, BETTY R
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

INTRAPARTUM PHARMACOKINETICS OF EPIDURAL ANESTHESIA 1,898
KUHNERT, BETTY R
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

METABOLISM OF INTRAPARTUM PAIN RELIEVING DRUGS IN THE HI 23,726
KUHNERT, BETTY R
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PERIPARTUM PSEUDOCHOLINESTERASE ACTIVITY AFTER 2 CHLOROP 35,115
KUHNERT, BETTY R
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

FETAL EXPOSURE TO LEAD, MERCURY & CADMIUM IN AN URBAN IN 5,125
KUHNERT, PAUL M
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

THIOCYANATE LEVELS IN THE PREGNANT SMOKER & HER NEONATE 1,518
BOTTOMS, SIDNEY F
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PHOSPHATIDYLGLYCEROL & PHOSPHATIDYLINOSITOL: ASSESSING F 21,449
GROSS, THOMAS L
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

MATERNAL METABOLIC RESPONSES IN INTRAUTERINE GROWTH RETA 4,176
KAZZI, GEORGE
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

AMNIOTIC FLUID PHOSPHOLIPIDS & PROTEINS IN GROWTH RETARD 25,814
GROSS, THOMAS L
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

MAJOR RESEARCH PROJECT: DISORDERED FETAL METABOLISM: ANT 94,589
ROSEN, MORTIMER G
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

GLUCOSE PRODUCTION IN TERM GRAVIDAS (ALANINE, DIABETES) 2,721
KALHAN, SATISH
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

UREA METABOLISM IN MOTHERS & INFANTS 7,023
TAVILL, ANTHONY S
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

RESPIRATORY CALORIMETERY IN INFANTS, CHILDREN & ADULTS 9,997
KALHAN, SATISH
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

SUBCUTANEOUS INSULIN INFUSION PRIOR TO & DURING THIRD TR 19,804
HERTZ, ROGER H
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

CARBOHYDRATE & PROTEIN METABOLISM IN OBESE PREGNANT SUBJ 3,037
GROSS, THOMAS L
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

MODELS FOR HEPATIC GLUCOSE PRODUCTION: FETAL HEPATIC GLU 7,403
KALHAN, SATISH
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

ENTERIC STIMULATION OF NEONATAL INSULIN SECRETION 2,278
KING, KATHERINE C
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

GALACTOSE & GLUCOSE UTILIZATION IN THE NEONATE (DIABETIC 759
KLIEGMAN, ROBERT K
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

ALTERED FETAL NUTRITION & POSTNATAL GI AUGMENTATION OF I 3,227
KING, KATHERINE C
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

SIGNIFICANCE OF ORGANIC ACID PRODUCTION AMONG LOW BIRTH 23,347
KLIEGMAN, ROBERT K
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PROSPECTIVE STUDY OF MATERNAL CYTOMEGALOVIRUS INFECTION 1,898
KUMAR, MARY LOU
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

EFFECTS OF INTRAUTERINE GROWTH RETARDATION ON DEVELOPMEN 1,582
KUMAR, MARY LOU
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PREVENTION OF MENTAL RETARDATION THROUGH PRENATAL DIAGNO 380
SCHAFER, IRWIN A
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

APNEA DURING INFUSION OF INTRALIPIDS IN PREMATURE INFANT 759
KING, KATHERINE C
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

THEOPHYLLINE METABOLISM IN PREMATURE INFANTS & GESTATION 190
TSERNG, KOU-YI
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

FEASIBILITY OF NEONATE RESPIRATION MONITORING USING LUNG 2,278
TAKIEDDINE, FAYEZ N
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PATHOPHYSIOLOGY OF THE METHEMOGLOBINEMIA IN INFANTS WITH 3,796
DANISH, ELIZABETH H
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

OTOTOXIC EFFECTS OF GENTAMICIN ON THE NEONATE 190
GOLDEN, NANCY L
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

MIDDLE EAR EFFUSION EARLY DETECTION NON TYPABLE HAEMOPHI 6,454
SHURIN, PAUL A
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PHENCYCLIDINE ABUSE DURING PREGNANCY EXTENSION OF SCREEN 569
GOLDEN, NANCY L
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

FOLLOWUP OF PREMATURELY BORN INFANTS 3,606
GOLDEN, NANCY L
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PATHOGENSIS OF FETAL ALCOHOL SYNDROME COMBINATION CONSEN 26,194
MILLER, SHELDON I
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PROSPECTIVE STUDY ON FETAL ALCOHOL SYNDROME (INFORMED CO 43,087
SOKOL, ROBERT J
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

ALCOHOL: A BEHAVIORAL TERATOGEN IN CHILD DEVELOPMENT 34,166
ERNHART, CLAIRE B
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

INFANT EFFECTS OF FETAL EXPOSURE TO CIGARETTE SMOKE, ALC 23,157
ERNHART, CLAIRE B
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

BETA2 MICROGLOBULIN IN AMNIOTIC FLUID & URINE: AN INDEX 1,139
KING, KATHERINE C
CASE WESTERN RESERVE UNIVER
CLEVELAND OHIO

PARIETAL CELL FUNCTION IN PREMATURE & FULL TERM INFANTS HALPIN, THOMAS C CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	3,796
VITAMIN B12 BINDING IN AMNIOTIC FLUID GROSS, THOMAS L CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	10,819
PRENATAL EFFECTS OF ALCOHOL ON STEROID FORMATION BY HUMA SHEEAN, LEON A CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	2,657
PREDICTIVE VALUE OF INFANT VISUAL SELECTIVITIES IN DISOR FAGAN, JOSEPH F CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	19,550
RECOGNITION MEMORY & GENERAL DEVELOPMENT IN FAILURE TO T SINGER, LYNN T CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	1,518
ENDOTHELIAL ENDOCYTOSIS AS RELATED TO ATHEROGENESIS ALPERN, DAVID B CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	11,768
CLINICAL INTERACTIONS & LOW INCOME PREGNANCY MANAGEMENT LAZARUS, ELLEN S CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	3,227
LONGITUDINAL FOLLOWUP OF COMPLICATIONS OF PREGNANCY SOKOL, ROBERT J CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	74,469
COMPUTER DIAGNOSIS OF LABOR PROGRESSION & FETAL MONITORI SOKOL, ROBERT J CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	22,587
FETAL ELECTROENCEPHALOGRAPHY IN NORMAL & ABNORMAL GESTAT SOKOL, ROBERT J CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	22,777

M01 RR00211-18	ENDOGENOUS OPIATE PEPTIDES INVOLVED/DERANGED GONADOTROPI GIVENS, JAMES R UNIVERSITY OF TENN CENTER H MEMPHIS TENN	31,675
M01 RR00229-17	HORMONAL CONTROL OF ADRENAL STEROID BIOSYNTHESIS IN CONG RICHMAN, ROBERT UPSTATE MEDICAL CENTER SYRACUSE N Y	713
M01 RR00240-18	MEASUREMENT OF TOTAL BODY PROTEIN SYNTHESIS WITH 15N GLY YUDKOFF, MARC CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	27,041
	USE OF DESFERRIOXAMINE IN CHILDREN WITH THALASSEMIA MAJO COHEN, ALAN R CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	588
	EVALUATION OF GASTROESOPHAGEAL REFLUX IN CHILDREN BOYLE, JOHN T CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	8,524
	PROTEIN AND GLUTAMINE METABOLISM IN CHILDREN WITH INFLAM BOYLE, JOHN T CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	1,176
	CYSTEAMINE THERAPY ON NEPHROPATHIC CYSTINOSIS YUDKOFF, MARC CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	1,078
	TREATMENT OF UREMIC ROD IN CHILDREN NORMAN, MICHAEL E CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	15,774
	VITAMIN D THERAPY OF ROD IN CHILDREN NORMAN, MICHAEL E CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	31,156
	IN VIVO EFFECTS OF ANTI T CELL ANTIBODY ELKINS, WILLIAM L CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	9,112

13CO2 METHACETIN BREATH TEST FOR LIVER DISEASE 882
WATKINS, JOHN B
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

ROLE OF DIETARY FIBER IN THE MANAGEMENT OF DIABETES MELL 2,351
BAKER, LESTER
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

CONTINUOUS SUBCUTANEOUS INSULIN INFUSION FOR ACHIEVING B 15,578
BAKER, LESTER
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

DETECTION OF HERITABLE VARIABILITY OF GENES FOR GROWTH H 8,524
PARKS, JOHN S
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

HYPERINSULINISM IN INFANCY 7,348
BAKER, LESTER
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

GLYCOGEN STORAGE DISEASE (GSD) TYPE I 14,402
BAKER, LESTER
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

DEVELOPMENT OF FATTY ACID OXIDATION IN NEWBORN INFANTS 13,226
BAKER, LESTER
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

PSEUDOHYPOPARATHYROIDISM 1,176
PARKS, JOHN S
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

CARNITINE TREATMENT OF SYSTEMIC CARNITINE DEFICIENCY 9,112
STANLEY, CHARLES A
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

GENETICS OF SUSCEPTIBILITY TO DIABETES MELLITUS 18,909
BAKER, LESTER
CHILDREN'S HOSPITAL OF PHIL
PHILADELPHIA PA

STUDY OF INSULIN ANTIBODY RESPONSE TO PURIFIED PORK INSU BAKER, LESTER CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	36,936
PRECOCIOUS PUBERTY COMITE, FLORENCE CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	1,274
NEWLY DIAGNOSED JUVENILE DIABETICS BAKER, LESTER CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	89,352
HOME BLOOD GLUCOSE MONITORING STUDY FOR JUVENILE DIABETE BAKER, LESTER CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	18,811
BONE MARROW TRANSPLATATION AUGUST, CHARLES S CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	43,500
DETERMINANTS OF OUTCOME IN CONGENITAL HYPOTHYROIDISM PARKS, JOHN S CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	8,034
EVALUATION AND TREATMENT OF STROKE IN SICKLE CELL DISEAS KIM, HAEWON C CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	2,351
TRIALS OF ACYCLOVIR PLOTKIN, STANLEY A CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	2,351
FAMILIAL RENAL TUBULAR ACIDOSIS NORMAN, MICHAEL E CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	588
USE OF 1(OH)D3 IN THE TREATMENT OF FAMILIAL HYPOPHOSPHAT NORMAN, MICHAEL E CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	6,466

	BONE MARROW TRANSPLANTATION IN GAUCHERS DISEASE AUGUST, CHARLES S CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	294
M01 RR00287-16	BIOGENIC AMINES IN CHILDREN WITH MINIMAL BRAIN DYSFUNCTI SHEKIM, WALID O UNIVERSITY OF MISSOURI COLU COLUMBIA MO	17,752
	BEHAVIORAL FACTORS IN DIABETIC YOUTH SIMONDS, JOHN F UNIVERSITY OF MISSOURI COLU COLUMBIA MO	4,790
	STEROID SIDE EFFECTS WITH BECLOMETHASONE DIPROPIONATE IN GOLDSTEIN, DAVID E UNIVERSITY OF MISSOURI COLU COLUMBIA MO	9,580
M01 RR00305-16	SERIAL HEMODYNAMICS AND RIGHT/LEFT HEART FUNCTION IN CON ARCILLA, RENE A UNIVERSITY OF CHICAGO CHICAGO ILL	19,442
	CARDIAC PERFORMANCE IN SICKLE CELL ANEMIA ARCILLA, A UNIVERSITY OF CHICAGO CHICAGO ILL	3,853
	EARLY IDENTIFICATION OF CHILDREN WITH OR AT RISK TO DEVE ARCILLA, A UNIVERSITY OF CHICAGO CHICAGO ILL	2,452
	EVALUATION OF PSYCHOSOCIAL AND DEVELOPMENTAL OUTCOME OF CHANDLER, A UNIVERSITY OF CHICAGO CHICAGO ILL	9,808
	SEARCH FOR A THERAPY AND THE BASIC DEFECT IN DUCHENNES M COHEN, LOUIS UNIVERSITY OF CHICAGO CHICAGO ILL	26,623
	EVALUATION OF ISOPRINOSINE THERAPY SUBACUTE SCLEROSING P HUTTENLOCHER, PETER UNIVERSITY OF CHICAGO CHICAGO ILL	10,509

GROWTH RETARDATION IN INFLAMMATORY BOWEL DISEASE (IBD) KIRSCHNER, BARBARA S UNIVERSITY OF CHICAGO CHICAGO ILL	35,380
EFFECT OF PARENTAL SUBSTANCE ABUSE ON OFFSPRING MARCUS, JOSEPH UNIVERSITY OF CHICAGO CHICAGO ILL	12,085
CHRONIC TRANSFUSION IN SICKLE CELL DISEASE MOOHR, JOHN W UNIVERSITY OF CHICAGO CHICAGO ILL	126,633
HYPOTHALAMIC PITUITARY ADRENAL AXIS (HPA) IN ASTHMA (GLU NEWCOMB, RICHARD W UNIVERSITY OF CHICAGO CHICAGO ILL	2,102
LEVODOPA INTERACTION WITH ESTROGEN ON RELEASE OF PITUITA RICH, B UNIVERSITY OF CHICAGO CHICAGO ILL	13,487
CORRELATIVE STUDIES IN CONGENITAL HYPOTHYROIDISM RICH, B UNIVERSITY OF CHICAGO CHICAGO ILL	14,537
STUDIES OF PUBERTAL MATURATION OF GONADOTROPIN RELEASE RICH, B UNIVERSITY OF CHICAGO CHICAGO ILL	31,527
ANTIDIURETIC FUNCTION IN FAMILIAL POLYURIC SYNDROME ROBERTSON, GARY L UNIVERSITY OF CHICAGO CHICAGO ILL	7,356
RELATIONSHIP BETWEEN FREE (UNBOUND) PLASMA ANDROGEN LEVE ROSENFIELD, ROBERT L UNIVERSITY OF CHICAGO CHICAGO ILL	13,136
TREATMENT OF PROGRESSIVE SEXUAL PRECOCITY ROSENFIELD, R L UNIVERSITY OF CHICAGO CHICAGO ILL	4,554

	MECHANISM OF NPH INSULIN DURATION OF ACTION ROSENFIELD, R L UNIVERSITY OF CHICAGO CHICAGO ILL	2,627
	CONTROL OF GONADOTROPINS IN JUVENILE HYPOTHYROIDISM ROSENFIELD, R L UNIVERSITY OF CHICAGO CHICAGO ILL	2,627
	GROWTH HORMONE EFFECT ON THE ADRENAL ANDROGEN PRODUCTION ROSENFIELD, R L UNIVERSITY OF CHICAGO CHICAGO ILL	19,442
	CALCIDIOL AND CALCITRIOL DOSAGE IN CHILDREN ROSENFIELD, R L UNIVERSITY OF CHICAGO CHICAGO ILL	17,865
	TREATMENT OF SEVERE COMBINED IMMUNODEFICIENCY DISEASE (S ROTHBERG, RICHARD M UNIVERSITY OF CHICAGO CHICAGO ILL	3,503
	H INFLUENZA INDUCED BRONCHIECTASIS IN PATIENTS WITH BRUT ROTHBERG, R UNIVERSITY OF CHICAGO CHICAGO ILL	4,204
	DIABETES IN CYSTIC FIBROSIS ROTHBERG, R UNIVERSITY OF CHICAGO CHICAGO ILL	175
	SEVERE COMBINED IMMUNODEFICIENCY DISEASE TO ANTIGENIC CH ROTHBERG, R UNIVERSITY OF CHICAGO CHICAGO ILL	175
	NEUROFIBROMATOSIS (THE QUANTITATION OF STRUCTURAL & NEUR ZELKOWITZ, M UNIVERSITY OF CHICAGO CHICAGO ILL	1,226
M01 RR00318-16	LONGITUDINAL STUDIES OF STEROID EXCRETION IN CONGENITAL ORTI, EDUARDO DOWNSTATE MEDICAL CENTER NEW YORK N Y	9,390

	ANDROGEN METABOLISM IN HYPERGLYCEMIC AND EUGLYCEMIC JUVE CASTELLS, SALVADORE DOWNSTATE MEDICAL CENTER NEW YORK N Y	99,907
M01 RR00334-16	HIGH CARBO LOW FAT DIET ON LIPOPROTEIN LIPID & APOPROTEI HOLLENBECK, CLAIRE R OREGON HEALTH SCIENCES UNIV PORTLAND OREG	22,870
M01 RR00349-16	RESISTANCE TO SUBCUTANEOUSLY ADMINISTERED INSULIN IN A Y BODEN, GUENTHER TEMPLE UNIVERSITY PHILADELPHIA PA	11,738
M01 RR00350-16	QUNATIFICATION AND TREATMENT OF INFANTILE SPASMS KELLAWAY, PETER BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	37,825
M01 RR00400-14	GROWTH HORMONE ON ADRENAL ANDROGEN SECRETION IN GH DEFIC ULSTROM, ROBERT UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	10,489
	CANCER THERAPY ON ENDOCRINE FUNCTION IN CHILDREN & ADOLE SKLAR, CHARLES UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	4,495
M01 RR00425-14	PROTOCOL FOR PREGNANCY INDUCED HYPERTENSION LEE, MILTON I LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	5,261
	PITUITARY FUNCTION IN CHILDREN WITH SUSPECTED GROWTH HOR KLEIN, ALAN H LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	2,818
	SERUM NERVE GROWTH FACTOR IN THE NEWBORN HUMAN WEICHSEL, MORTON E J LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	102,592
	THYROID PHYSIOLOGY IN PREMATURE INFANTS FISHER, DELBERT A LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	5,637

	MECHANISM OF SECONDARY AMENORRHEA IN SIMPLE WEIGHT LOSS BOYERS, STEPHEN P LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	37,391
	GENETIC STUDY: ROLE OF HEMANGIOMATA IN CONGENITAL MACROS WASSMAN, ROBERT E JR LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	5,073
	IMMUNOLOGIC DEFENSES AGAINST INFECTION IN HUMAN BREAST M KELLER, MARGARET A LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	11,274
	TOCOPHEROL PROTECTION IN RETINOPATHY OF THE PREMATURE PHELPS, DALE LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	113,288
	EFFECT OF ENTERAL FEEDING ON GASTRIC ACID SECRETION IN P LEAKE, ROSEMARY D LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	26,493
	THYROID HORMONE RESPONSIVENESS IN THE NEWBORN KLEIN, ALAN H LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	3,382
	BIOPHYSICAL VARIABLES AND PROSTAGLANDIN RELEASE IN SEVER BUSTER, JOHN E LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	3,382
	IMMUNOGLOBULIN METABOLISM IN NEONATES WITH BACTERIAL SEP MCGEARY, SCOTT A LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	4,697
	PLASMA DIAMINE OXIDASE IN CHILDREN SEIDEL, JAMES LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	564
M01 RR00533-14	POLYCYSTIC OVARIAN DIS & BROMOCRIPTINE (PROLACTIN, DOPAM VAITUKAITIS, JUDITH BOSTON UNIVERSITY BOSTON MASS	33,609

M01 RR00585-11	HYPOGLYCEMIA IN INFANTS AND CHILDREN HAYMOND, MOREY W MAYO FOUNDATION ROCHESTER MINN	4,008
	HYPOGLYCEMIA IN INFANTS AND CHILDREN HAYMOND, MOREY W MAYO FOUNDATION ROCHESTER MINN	4,409
M01 RR00633-10	ONSET AND PROGRESSION OF PUBERTY CHIPMAN, JOHN J UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	23,711
	THE ONTOGENY OF PUBERTY IN DIABETES MELLITUS MARKS, JAMES E UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	24,492
	CAUSE FOR UROLITHIASIS IN CHILDREN CHIPMAN, JOHN J UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	585
M01 RR00645-11	MILK AND NEONATAL IMMUNITY TO INFECTION PITT, JANE COLUMBIA UNIVERSITY NEW YORK N Y	96
	QUALITY OF PROTEIN ON ACIDBASE & PLASMA AMINO ACID STATU HEIRD, WILLIAM C COLUMBIA UNIVERSITY NEW YORK N Y	22,466
M01 RR00749-10	EFFECT OF PLASMA INFUSION IN CHILDREN WITH INTRACTABLE R MEUWISSEN, HILAIRE J ALBANY MEDICAL COLLEGE ALBANY N Y	112
	HAEMOPHILUS INFLUENZAE B POLYSACCHARIDE VACCINE IN INFAN LEPOW, MARTHA L ALBANY MEDICAL COLLEGE ALBANY N Y	11,697
M01 RR00750-10	BLOOD PRESSURE RESPONSE TO DIETARY SODIUM CHANGES IN YOU WEINBERGER, MYRON H INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS IND	389

M01 RR00827-08	METABOLIC DEFECTS IN FAMILIAL HYPERLIPOPROTEINEMIA	GRUNDY, SCOTT M	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	1,618
	DISORDERS OF MINERAL METABOLISM IN CHILDREN	JONES, KENNETH LEE	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	1,820
	NUTRITIONAL APPROACH TO PREGNANCY COMPLICATED BY DIABETE	HOLLINGSWORTH, DOROT	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	68,968
	POLYCYSTIC OVARY SYN: RESIST & ACANTHOSIS NIGRICAN HYPER	HOLLINGSWORTH, DOROT	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	910
	BIOCHEMICAL PREDICTORS OF THE FETAL ALCOHOL SYNDROME	JONES, KENNETH LYONS	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	1,820
	ROLE OF CATECHOLESTROGENS IN HUMAN REPRODUCTION	YEN, SAMUEL S C	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	809
	INCREASED HYPOTHALAMIC DOPAMINERGIC AND OPIOID ACTIVITY	YEN, SAMUEL S C	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	1,719
	REPRODUCTIVE HORMONES & NEUROTRANSMITTER RHYTHMS IN NORM	YEN, SAMUEL S C	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	33,372
	EXERCISE ON ENDOCRINE SYSTEMS IN FEMALES: IRREGULAR & RE	REBAR, ROBERT W	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	2,326
	OVARIAN STEROID INDUCTION OF THE PREOVULATORY GONADOTROP	YEN, SAMUEL S C	UNIVERSITY OF CALIFORNIA SA	LA JOLLA CALIF	16,281

	DETERMINE THE ROLE OF CHOLINERGIC MECHANISM IN THE REPRO YEN, SAMUEL S C UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	506
	THEOPHYLLINE & PREDNISONE PHARMACOKINETICS IN PREGNANT A WASSERMAN, STEPHEN I UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	2,427
	ENDOGENOUS OPIATES & DOPAMINE IN INHIBITING SEXUAL DEVEL YEN, SAMUEL S C UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	101
	AUTOINFUSION FOR LH RELEASING FACTOR IN HYPOGONADISM & O YEN, SAMUEL S C UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	60,575
	INVESTIGATION OF THE PATHOPHYSIOLOGY OF "HYPOTHALAMIC AM QUIGLEY, MALACHI E UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	6,978
	INSULIN RESERVE AND POTENTIAL GROWTH FACTORS IN GESTATIO CHENEY, CAROL UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	607
	THE HIGH FIBER DIET IN DIABETIC PREGNANCIES HOLLINGSWORTH, DOROT UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	607
M01 RR00847-09	GROWTH HORMONE TREATMENT OF CHILDREN WITH INTRAUTERINE G BLIZZARD, ROBERT UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	5,191
	INSULINOPENIA IN GROWTH HORMONE RESPONSIVENESS IN JUVENI CLARKE, WILLIAM UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	792
	DEPAKENE IN LONG TERM TREATMENT OF ABSENCE SEIZURES IN C DREIFUSS, FRITZ UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	1,496

	EFFICACY & SAFETY OF NITRAZEPAM & ACTH IN THE TREATMENT DREIFUSS, FRITZ UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	176
	CONGENITAL VIRILIZING ADRENAL HYPERPLASIA JOHANSON, ANN UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	1,408
	ETIOLOGY OF ISLET CHANGES IN INFANTS OF DIABETIC WOMEN PAULSEN, ELSA UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	176
	THREE FORMS OF CHILDHOOD DIABETES PAULSEN, ELSA UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	8,182
	RETINAL RENAL CAPILLARY LEAKAGE IN CHILDHOOD DIABETES PAULSEN, ELSA UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	53,314
	PYRUVATE METABOLISM IN PEDIATRIC DISEASE WILSON, WILLIAM UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	7,038
M01 RR00865-09	CAPABILITY OF PITUITARY GLAND TO NORMAL OVULATION & OVUL CHANG, R JEFFREY UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	6,476
	PITUITARY DISORDERS AFFECTING ADRENAL GLAND, GROWTH, THY CHANG, R JEFFREY UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	4,483
	PHLEBOTOMY ERYTHROCYTOSIS SECONDARY TO CYANOTIC CONGENIT HOCKING, WILLIAM G UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	4,483
	PSYCHOBIOLOGY OF PREMENSTRUAL SYNDROME GERNER, ROBERT H UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	6,974

	HYPERTENSION WITH ORAL CONTRACEPTIVES, PREGNANCY AND ON JUDD, HOWARD L UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	747
	ADRENAL ANDROGEN PRODUCTION IN POLYCYSTIC OVARY DISEASE CHANG, R JEFFREY UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	3,363
	RELATIONSHIP BETWEEN OBESITY & INSULIN SECRETION IN POLY CHANG, R JEFFREY UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	1,370
	SUPPRESSION OF OVARIAN FUNCTION WITH LONG ACTING GONADOT MELDRUM, DAVID R UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	35,743
	TIGHT DIABETIC CONTROL DURING PREGNANCY NUWAYHID, BAHIJ UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	1,121
M01 RR00997-07	PENILE REVASCULARIZATION IN YOUNG MALES EDWARDS, STERLING W UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	12,740
	GROWTH HORMONE & ANABOLIC STEROIDS IN CHILDRENS GROWTH (HAYEK, ALBERTO UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	21,342
	ROLE OF PROLACTIN IN OVULATORY DYSFUNCTION MATTOX, JOHN UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	3,593
	THEOPHYLLINE ON INHALED HISTAMINE AND METHACHOLINE IN AS MENENDEZ, ROGELIO UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	9,364
	COMPARISON OF TWO SUSTAINED RELEASE THEOPHYLLINE TABLETS MENENDEZ, ROGELIO UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	6,751

	AMENORRHEA IN ATHLETES PEAKE, GLENN T UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	653
	ENDOGENOUS OPIATES, GONADOTROPINS, AND PROLACTIN IN ATHL PEAKE, GLENN T UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	109
	THE MECHANISM OF ISOLATED FASTING HYPERGLYCEMIA IN PREGN PERKINS, RICHARD UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	327
M01 RR01032-07	ADRENAL FUNCTION IN POLYCYSTIC OVARIAN SYNDROME AND MILD BORTON, MAX BETH ISRAEL HOSPITAL BOSTON MASS	1,563
	POST CONCEPTUAL VAGINAL INDUCTION OF MENSES (15 S) 15 ME BORTON, MAX BETH ISRAEL HOSPITAL BOSTON MASS	1,563
	RECOVERY OF MATURE HUMAN OOCYTES BY LAPAROSCOPY UTILIZIN TAYMOR, MELVIN L BETH ISRAEL HOSPITAL BOSTON MASS	35,367
	THE EFFECT OF AGING ON THE PITUITARY OVARIAN AXIS TAYMOR, MELVIN L BETH ISRAEL HOSPITAL BOSTON MASS	488
	OOCYTE RECOVERY AND IN VITRO FERTILIZATION TAYMOR, MELVIN L BETH ISRAEL HOSPITAL BOSTON MASS	9,379
M01 RR01066-05	LRF ANALOGUE, D TRP6 PRO9 NET LRF, IN PRECOCIOUS PUBERTY CROWLEY, WILLIAM F MASSACHUSETTS GENERAL HOSPI BOSTON MASS	54,272
	PULSATILE CNRH ADMINISTRATION TO INDUCE OVULATION IN ANO CROWLEY, WILLIAM F MASSACHUSETTS GENERAL HOSPI BOSTON MASS	39,135

CONSEQUENCES OF FUNCTIONAL HYPOGONADISM IN HYPERPROLACTI 5,538
KLIBANSKI, ANNE
MASSACHUSETTS GENERAL HOSPI
BOSTON MASS

PHYSIOLOGIC MECHANISMS UNDERLYING HYPOTHALAMIC AMENORRHE 738
MCARTHUR, JANET
MASSACHUSETTS GENERAL HOSPI
BOSTON MASS

A MODEL FOR EXERCISE INDUCED MENSTRUAL DISTURBANCES 45,042
MCARTHUR, JANET W
MASSACHUSETTS GENERAL HOSPI
BOSTON MASS

PULSATILE RELEASE OF GONADOTROPINS & ITS ROLE IN THE RES 6,276
CROWLEY, WILLIAM F
MASSACHUSETTS GENERAL HOSPI
BOSTON MASS

AROMATIZED ESTROGENS IN GONADOTROPIN SECRETION HYPERANDR 7,753
DUNAIF, ANDREA
MASSACHUSETTS GENERAL HOSPI
BOSTON MASS

M01 RR01070-06 ANGIOTENSIN II & VASCULAR REACTIVITY IN NORMAL AND HYPER 122,701
MORRIS, JOHN A
MEDICAL UNIVERSITY OF SOUTH
CHARLESTON S C

INTRANASAL LUTEINIZING HORMONE RELEASING HORMONE FOR IND 30,737
PHANSEY, SHAILA A
MEDICAL UNIVERSITY OF SOUTH
CHARLESTON S C

M01 RR01224-04 THE HERITABILITY OF BLOOD PRESSURE IN LATE ADOLESCENCE A 2,517
KATZ, SOLOMON
UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA PA

N01 RR82118-26 WEIGHT GAIN DURING PREGNANCY IN THE SPINY MOUSE
PEITZ, BETSY
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

PANTOTHENIC ACID EXCRETION OF CONTRACEPTIVE USERS & (ETH
LEWIS, JANE S
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

RIBOFLAVIN EXCRETION OF ORAL CONTRACEPTIVE USERS & NONUS
LEWIS, JANE S
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

BRAINSTEM AUDITORY EVOKED POTENTIALS IN NEAR MISS SUDDEN
ORLOWSKI, JAMES P
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

SYNTHESIS OF NEW SAFE CONTRACEPTIVE AGENTS
TANABE, MASATO
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

NEW POTENT ORAL ANTIGONADOTROPHIC ANDROGENIC AGENTS FOR
CROWE, DAVID
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

DRUG EFFECTS ON REPRODUCTION IN THE PRIMATE (DRUG ABUSE)
SMITH, CAROL G
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

PUBERTAL CHANGES IN ESTRADIOL METABOLISM IN PRIMATES
HOTCHKISS, JULANE
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

THE HIGH RISK OBSTETRICAL PATIENT USING SERIAL 1ST MORNI
SEIBEL, MACHELLE
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

MORPHOLOGY OF THE FETAL SHEEP LUNG:HYPOPHYSECTOMY W/WO H
DAVIES, PAUL
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

EPIDEMIOLOGY OF AIRWAYS RESPONIVENESS IN CHILDREN
WEISS, SCOTT
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

BREEDING & NEONATAL CARE OF CHIMPANZEES FOR HEPATITIS RE
GRAHAM, CHARLES E
BOLT BERANEK AND NEWMAN
CAMBRIDGE MASS

P40 RR00130-19	LONG-TERM CAPTIVE REPRODUCTION OF AOTUS, THE NIGHT MONKE HELTNE, PAUL G JOHNS HOPKINS UNIVERSITY BALTIMORE MD	400
	INTRAUTERINE INFUSION OF QUINACRINE TO INDUCE STERILITY BLAKE, D JOHNS HOPKINS UNIVERSITY BALTIMORE MD	300
P40 RR00200-19	ENDOMETRIOSIS IN MONKEYS: REVIEW & CASE STUDIES: ABDOMIN CARY, CINDY J UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	4,000
	CHLAMYDIA PSITTACI FR AFRICAN CLAWED FROGS: LETHAL TO CH WILCKE, B W UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	1,000
P40 RR00471-14	WEIGHT LOSS & IMPAIRED REPRODUCTION IN HAMSTER FROM UNSU HARKNESS, J E UNIVERSITY OF MISSOURI COLU COLUMBIA MO	2,513
P40 RR00515-14	INHERITED FORM OF SEVERE CANINE JUVENILE PYODERMA PRIEUR, DAVID J WASHINGTON STATE UNIVERSITY PULLMAN WASH	4,000
P40 RR00635-11	REPRODUCTIVE CONTROL CULLEY, D D LOUISIANA STATE UNIV A&M CO BATON ROUGE LA	21,424
	HORMONE EFFECTS ON AMPHIBIAN OVARIES LICHT, PAUL LOUISIANA STATE UNIV A&M CO BATON ROUGE LA	2,612
P40 RR00890-09	PATHOGENESIS OF MURINE ROTAVIRUS INFECTIONS: NEONATAL DI PAKES, STEVEN P UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	11,307
P40 RR00986-08	YEAR ROUND S PURPURATUS RESEARCH RESOURCE TO PROVIDE SEA DAVIDSON, ERIC H CALIFORNIA INSTITUTE OF TEC PASADENA CALIF	87,296

P40 RR01046-07	CAMPYLOBACTER FETUS SS JEJUNI IN LAB ANIMALS FOX, JAMES G MASSACHUSETTS INSTITUTE OF CAMBRIDGE MASS	27,451
P40 RR01333-02	PHYTOMASTIGOPHOREAN INFECTION OF ENCAPSULATED EMBRYOS OF LEIBOVITZ, LOUIS CORNELL UNIVERSITY ITHACA ITHACA N Y	8,000
P41 RR00317-16	DETECTION OF BOVINE ESTRUS: OVULATION DETECTION PRETI, GEORGE MASSACHUSETTS INSTITUTE OF CAMBRIDGE MASS	69
	CONSTITUENTS OF QUARARIBEA FUNEBRIS: AZTEC SPICE,DEPRESS RAFFAUF, ROBERT F MASSACHUSETTS INSTITUTE OF CAMBRIDGE MASS	772
	TOXIC SCREEN OF NEWBORN BLOOD SHANNON, DANIEL MASSACHUSETTS INSTITUTE OF CAMBRIDGE MASS	446
P41 RR00442-14	CELL LINEAGE IN EARLY MOUSE EMBRYOS PEDERSON, ROBERT A COLUMBIA UNIVERSITY NEW YORK N Y	649
P41 RR00592-13	STRUCTURE OF MITOTIC SPINDLE, ASSYMETRIC CELL DIVISION I MCINTOSH, RICHARD UNIVERSITY OF COLORADO AT B BOULDER COLO	2,130
P41 RR00679-11	PLASMA & URINE SAMPLI FROM YOUNG & FETAL RATS STOLTE, HILMAR HARVARD UNIVERSITY BOSTON MASS	349
P41 RR00719-07	AMNIOTIC FLUID STEROIDS AT MIDGESTATION HOMOKI, JANOS UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,903
	IDENTIFICATION OF FETAL MONKEY STEROIDS JAFFE, ROBERT B UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	3,805

	CONGENITAL ADRENAL HYPERPLASIA NEW, MARIA UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,522
	DIAGNOSIS OF INBORN ERRORS OF STEROID METABOLISM IN NEWB NIELSEN, META UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,903
	JUVENILE HORMONE ADDUCT ORTIZ DE MONTELLANO, UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	304
	PRENATAL DIAGNOSIS OF HERITABLE DISORDERS PACKMAN, SEYMOUR UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	2,664
	HUMAN FETAL STEROID SYNTHESIS REYNOLDS, JOHN W UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	7,611
	PLACENTAL SULFATASE DEFICIENCY VARNER, MICHAEL UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	4,567
P41 RR00785-10	SOLVER: PROBLEM SOLVING EXPERTISE: PEDIATRIC CARDIOLOGY JOHNSON, PAUL E STANFORD UNIVERSITY STANFORD CALIF	1,097
P41 RR00857-08	PH PROBES FOR GER MONITORING IN CHILDREN SANDERS, GARY G CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	14,145
P41 RR00954-06	LIPID TRANSPORT IN HUMAN NEWBORN BOUGNERES, PIERRE WASHINGTON UNIVERSITY SAINT LOUIS MO	
	SATURATION KINETICS OF PHENYTOIN (PHT) IN CHILDREN DODSON, W EDWIN WASHINGTON UNIVERSITY SAINT LOUIS MO	

	MOVEMENT DISORDERS IN CHILDREN AND ADULTS DODSON, W EDWIN WASHINGTON UNIVERSITY SAINT LOUIS MO	2,108
	METABOLISM BY INFANTS OF CONTROLLED METHIONINE DIETS FOLMON, SAMUEL WASHINGTON UNIVERSITY SAINT LOUIS MO	858
	BILE ACID KINETICS IN GROWTH HORMONE DEFICIENT CHILDREN HEUBI, JAMES F WASHINGTON UNIVERSITY SAINT LOUIS MO	2,776
	MALNUTRITION AND PROTEIN BREAKDOWN IN PREGNANCY ROSSO, PEDRO R WASHINGTON UNIVERSITY SAINT LOUIS MO	1,901
P41 RR00962-07	PRENATAL DIAGNOSIS OF UREA CYCLE DEFICIENCIES CRAIG, JOHN C UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,100
P41 RR01008-07	DETERMINATION OF DISSOLVED OXYGEN IN BLOOD OF CHICKEN EM KOLESARI, GARY L MEDICAL COLLEGE OF WISCONSI MILWAUKEE WIS	448
P41 RR01192-03	LATERAL DIFFUSION OF CON A RECEPTORS ON EMBRYONIC MUSCLE POO, M MING UNIVERSITY OF CALIFORNIA IR IRVINE CALIF	2,825
	DETERMINATION OF DNA CONTENT OF RABBIT TROPHOBLAST PRIOR MANES, COLE UNIVERSITY OF CALIFORNIA IR IRVINE CALIF	2,825
P41 RR01317-02	NEONATAL NUTRITION: DEVELOPMENT OF FAT ABSORPTION LESTER, ROGER L SYRACUSE UNIVERSITY AT SYRA SYRACUSE N Y	498
P51 RR00163-23	CYCLIC NUCLEOTIDE METABOLISM OF YOUNG ADULT AND AGED RHE BEATTY, CLARISSA H MEDICAL RESEARCH FOUNDATION PORTLAND OREG	38,410

MYOMETRIAL METABOLISM IN MACAQUES DURING PREGNANCY AND T BEATTY, CLARISSA H MEDICAL RESEARCH FOUNDATION PORTLAND OREG	38,410
ENDOCRINE MATURATION OF THE NEONATAL ADRENAL CORTEX IN B DUCSAY, CHARLES A MEDICAL RESEARCH FOUNDATION PORTLAND OREG	39,003
PLACENTAL TRANSFER OF PROGESTERONE & CONVERSION TO CORTI DUCSAY, CHARLES A MEDICAL RESEARCH FOUNDATION PORTLAND OREG	39,003
CIRCADIAN PATTERNS AND STEROID INDUCED CHANGES IN UTERIN NOVY, MILES J MEDICAL RESEARCH FOUNDATION PORTLAND OREG	39,003
PLACENTAL METABOLISM AS A FUNCTION OF BLOOD FLOW NOVY, MILES J MEDICAL RESEARCH FOUNDATION PORTLAND OREG	39,003
SEXUAL INITIATIVE AND RESPONSIVENESS IN FEMALE MACACA MU CHAMBERS, KATHLEEN C MEDICAL RESEARCH FOUNDATION PORTLAND OREG	42,542
PUBERTY IN MALE JAPANESE MACAQUES: SOCIAL/SEXUAL BEHAVIO EATON, G GRAY MEDICAL RESEARCH FOUNDATION PORTLAND OREG	42,542
PREGNANCY DETECTION IN WOMEN BEFORE IMPLANTATION ALEXANDER, NANCY J MEDICAL RESEARCH FOUNDATION PORTLAND OREG	35,372
PREGNANCY RATES IN PATIENTS TREATED FOR ANTISPERM ANTIBO ALEXANDER, NANCY J MEDICAL RESEARCH FOUNDATION PORTLAND OREG	35,372
COMPLEMENT MEDIATED HEMOLYSIS: INHIBITION BY MONKEY REPR ALEXANDER, NANCY J MEDICAL RESEARCH FOUNDATION PORTLAND OREG	35,372

	FIMBRIAL OVARIAN ATTACHMENT IN CYNOMOLGUS MACAQUES BEACHY, DEBORAH K MEDICAL RESEARCH FOUNDATION PORTLAND OREG	35,372
	HORMONES AND DEVELOPMENT IN FETAL RHESUS MACAQUES RESKO, JOHN A MEDICAL RESEARCH FOUNDATION PORTLAND OREG	35,372
	ENDOCRINE REGULATION OF THE MENSTRUAL CYCLE IN RHESUS MA RESKO, JOHN A MEDICAL RESEARCH FOUNDATION PORTLAND OREG	35,372
	SYNCHRONY OF THE PULSATILE SECRETION OF LUTEINIZING HORM SPIES, HAROLD G MEDICAL RESEARCH FOUNDATION PORTLAND OREG	35,372
	CONGENITAL GOITER IN A RHESUS MACAQUE OLSON, LEONARD C MEDICAL RESEARCH FOUNDATION PORTLAND OREG	55,875
	FETAL AND POSTNATAL EVOLUTION OF THE ADRENAL GLANDS IN N MCNULTY, WILBUR P MEDICAL RESEARCH FOUNDATION PORTLAND OREG	55,875
P51 RR00164-21	CONGENITAL CYTOMEGALOVIRUS INDUCED ABNORMALITIES IN SQUI RANGAN, SETLUR R S TULANE UNIVERSITY OF LOUISI COVINGTON LA	41,188
	PRIMATE MODEL FOR THE EFFECTS OF VACCINES IN PREGNANT FE MARTIN, LOUIS N TULANE UNIVERSITY OF LOUISI COVINGTON LA	41,188
	POSTNATAL DEV OF MONKEY OFFSPRING CONGENITALLY INFECTED ORDY, J MARK TULANE UNIVERSITY OF LOUISI COVINGTON LA	44,591
	PROTEIN MOLECULAR WEIGHT DISTRIBUTION IN NONHUMAN PRIMAT LEWIS, RONALD W TULANE UNIVERSITY OF LOUISI COVINGTON LA	34,992

P51 RR00165-22	REPRODUCTIVE MEMORY FOR GEOMETRIC FORMS IN CHIMPANZEES VAUCLAIR, JACQUES J EMORY UNIVERSITY ATLANTA GA	31,018
	HORMONES AND REPRODUCTIVE BEHAVIOR OF GREAT APES NADLER, RONALD D EMORY UNIVERSITY ATLANTA GA	31,018
	MOTHER INFANT RELATIONS AND INFANT DEVELOPMENT IN THE GR NADLER, RONALD D EMORY UNIVERSITY ATLANTA GA	31,018
	MENSTRUAL CYCLE CORRELATES OF COPULATION IN STUMPTAIL MA ESTEP, DANIEL Q EMORY UNIVERSITY ATLANTA GA	31,018
	ONTOGENY OF REPRODUCTIVE FUNCTION IN FEMALE RHESUS MONKE WILSON, MARK E EMORY UNIVERSITY ATLANTA GA	31,018
	REPRODUCTIVE BEHAVIOR AND BREEDING PERFORMANCE OF SOOTY BUSSE, CURT D EMORY UNIVERSITY ATLANTA GA	31,018
	PRIMATE MODELS: IN VITRO FERTILIZATION AND IMPLANTATION GOULD, KENNETH G EMORY UNIVERSITY ATLANTA GA	31,464
	PRIMATE MODELS: IN VITRO FERTILIZATION AND IMPLANTATION GOULD, KENNETH G EMORY UNIVERSITY ATLANTA GA	31,464
	ENDOCRINE CONTROL OF SEASONAL REPRODUCTIVE BEHAVIOR IN F GORDON, THOMAS P EMORY UNIVERSITY ATLANTA GA	31,464
	REGULATORY ACTIONS OF ACTH IN PRIMATE REPRODUCTION MANN, DAVID R EMORY UNIVERSITY ATLANTA GA	31,464

	ARTIFICIAL BREEDING OF CHIMPANZEES MARTIN, DAVID E EMORY UNIVERSITY ATLANTA GA	31,464
P51 RR00166-21	BINGE MODEL OF FETAL ALCOHOLISM SYNDROME IN MACACA NEMES BOWDEN, DOUGLAS M UNIVERSITY OF WASHINGTON SEATTLE WASH	19,816
	NEURAL DEVELOPMENT IN FETAL AND IMMATURE MACACA NEMESTRI DEVITO, JUNE L UNIVERSITY OF WASHINGTON SEATTLE WASH	19,816
	BREEDING HIGH AND LOW RISK PARENTS SACKETT, GENE P UNIVERSITY OF WASHINGTON SEATTLE WASH	19,816
	DEVELOPMENT OF MEASURES ON NEWBORNS AND YOUNG INFANTS SACKETT, GENE P UNIVERSITY OF WASHINGTON SEATTLE WASH	19,816
	MOTHERING OF FIRSTBORNS SACKETT, GENE P UNIVERSITY OF WASHINGTON SEATTLE WASH	19,816
	OFFSPRING FROM BREEDERS AT HIGH AND LOW RISK FOR POOR PR SACKETT, GENE P UNIVERSITY OF WASHINGTON SEATTLE WASH	19,816
	OPTICAL QUALITY IN INFANT MONKEYS BOOTHE, RONALD G UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	SCREENING INFANT MONKEYS FOR NATURALLY OCCURRING STRABIS BOOTHE, RONALD G UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	OVUM TRANSPORT IN NORMAL MONKEY OVIDUCTS HALBERT, SHERIDAN A UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986

	PERCEPTION OF COO CALLS BY JAPANESE MACAQUE INFANTS KUHL, PATRICIA K UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	SYNAPTIC MATURATION IN NORMAL AND VISUALLY DEPRIVED INFA LUND, JENNIFER S UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	PRENATAL METHYLMERCURY EXPOSURE PHYSIC & BEHAV DEVELOPME MOTTET, N KARLE UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	ASYMMETRIES IN THE VOCAL PERCEPTION OF YOUNG BABOONS POHL, PETER UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	METABOLIC CORRELATES OF PUBERTY STEINER, ROBERT A UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	EMBRYONIC DEVELOPMENT OF THE VISCERAL ARCHES AND STOMODE TAMARIN, ARNOLD UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	VENTILATORY CONTROL AND SLEEP IN THE PREMATURE PRIMATE WOODRUM, DAVID E UNIVERSITY OF WASHINGTON SEATTLE WASH	9,986
	NUTRITIONAL COMPARISON OF TWO PRIMARY WEANLING DIETS IN BEAMER, TIMOTHY W UNIVERSITY OF WASHINGTON SEATTLE WASH	195,918
P51 RR00167-22	SPERM MOTILITY AND FERTILIZING ABILITY IN VITRO BAVISTER, BARRY D UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
	FERTILIZATION AND CLEAVAGE OF RHESUS MONKEY OOCYTES IN V BAVISTER, BARRY D UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337

AUTONOMIC REGULATION OF MALE REPRODUCTIVE ORGANS IN RHES 37,043
UNO, HIDEO
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

LUTEINIZING HORMONE BIOLOGICAL ACTIVITY 51,572
BRIDSON, WILLIAM E
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

HYPOTHALAMIC CONTROL OF PUBERTY 51,572
TERASAWA, EI
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

PUBERTY IN THE PRENATALLY ANDROGEN - EXPOSED FEMALE RHES 45,711
GOY, ROBERT W
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

PUBERTY IN THE RHESUS MALE 45,711
GOY, ROBERT W
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

PUBERTY IN THE PRENATALLY ANDROGEN - EXPOSED FEMALE RHES 45,711
GOY, ROBERT W
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

PUBERTY IN THE RHESUS MALE 45,711
GOY, ROBERT W
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

EFFECTS OF ESTROGENS ADMINISTERED PRENATALLY 45,711
GOY, ROBERT W
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

HORMONAL MEDIATION OF MATERNAL CARE IN RHESUS MONKEYS 45,711
GOLDFOOT, DAVID A
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

HORMONE PROFILES DURING THE ESTROUS CYCLE, EARLY PREGNAN 38,337
ORSINI, MARGARET W
UNIVERSITY OF WISCONSIN MAD
MADISON WIS

RECEPTORS AND PROSTAGLANDINS IN REPRODUCTION DAVIS, GARY A UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
PUBERTY IN THE RHESUS MALE ROBINSON, JERRY A UNIVERSITY OF WISCONSIN MAD MADISON WIS	56,448
PUBERTY IN PRENATALLY ANDROGEN EXPOSED RHESUS FEMALES ROBINSON, JERRY A UNIVERSITY OF WISCONSIN MAD MADISON WIS	56,448
UTERINE ESTROGEN SYNTHESIS IN PREGNANCY WOLF, RICHARD C UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
STEROID SYNTHESIS IN PRIMATE OVARIES DIERSCHKE, DONALD J UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
DIRECT ACTION OF OVARIAN STEROIDS ON FOLLICULOGENESIS DIERSCHKE, DONALD J UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
ESTROGEN SYNTHETASE AND C 17/20 LYASE ACTIVITY IN THE FE SHOLL, SAMUEL A UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
17 HYDROXYPROGESTERONE METABOLISM IN THE MONKEY FETAL AD SHOLL, SAMUEL A UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
TRANSPORT OF STEROIDS FROM FETAL MONKEY PLASMA ACROSS TH SHOLL, SAMUEL A UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337
3B HYDROXYSTEROID DEHYDROGENASE ACTIVITY IN THE PLACENTA SHOLL, SAMUEL A UNIVERSITY OF WISCONSIN MAD MADISON WIS	38,337

P51 RR00168-21	NEUROGENETIC PROCESSES IN THE FETAL BRAIN RAKIC, PASKO T HARVARD UNIVERSITY BOSTON MASS	21,245
	PRIMARY HYPERINSULINEMIA IN THE RHESUS FETUS SCHWARTZ, ROBERT HARVARD UNIVERSITY BOSTON MASS	21,245
	CELLULAR MECHANISMS OF IMPAIRED ADRENERGIC RESPONSIVENES VATNER, STEPHEN F HARVARD UNIVERSITY BOSTON MASS	21,245
	CONTROL OF THE SIMIAN FETAL HEMOGLOBIN SWITCH AT THE PRO JACKSON, BENJAMIN T HARVARD UNIVERSITY BOSTON MASS	21,245
	PERIPHERAL PLASMA CATECHOLAMINES (CA) IN FETAL MONKEYS D JACKSON, BENJAMIN T HARVARD UNIVERSITY BOSTON MASS	21,245
	HYPOXEMIA AND CIRCULATING EPINEPHRINE (E) & NOREPINEPHRI JACKSON, BENJAMIN T HARVARD UNIVERSITY BOSTON MASS	21,245
	STUDY OF MATERNAL PHENYLKETONURIA JACKSON, BENJAMIN T HARVARD UNIVERSITY BOSTON MASS	21,245
	MATERNAL PHENYLKETONURIA PUESCHEL, SIEGFRIED HARVARD UNIVERSITY BOSTON MASS	21,245
	INFLUENCE OF DIETARY SALT INTAKE ON BLOOD PRESSURE LEVEL HARTLEY, L HOWARD HARVARD UNIVERSITY BOSTON MASS	21,245
	RADIOAUTOGRAPHIC AND ULTRASTRUCTURAL STUDIES OF CYCLIC U KING, NORVAL W, JR HARVARD UNIVERSITY BOSTON MASS	21,245

DIETHYLSTILBESTROL (DES) & ESTRADIOL IN UTERO : M MULATT 21,245
JOHNSON, LORNA D
HARVARD UNIVERSITY
BOSTON MASS

EFFECT OF INTRAUTERINE EXPOSURE TO DIETHYLSTILBESTROL ON 21,245
HERBST, ARTHUR L
HARVARD UNIVERSITY
BOSTON MASS

SEX DETERMINATION OF RHESUS FETUSES 21,245
JOHNSON, LORNA D
HARVARD UNIVERSITY
BOSTON MASS

SERUM SEX HORMONE LEVELS DURING PREGNANCY, EXOGENOUS HOR 21,245
JOHNSON, LORNA D
HARVARD UNIVERSITY
BOSTON MASS

VAGINAL ADENOSIS IN CEBUS APELLA MONKEYS EXPOSED TO DES 21,245
JOHNSON, LORNA D
HARVARD UNIVERSITY
BOSTON MASS

EXPERIMENTALLY INDUCED HYPERINSULINEMIA/FETUS/NEWBORN RH 21,245
ELLIOTT, M W
HARVARD UNIVERSITY
BOSTON MASS

INTRAVASAL IMPLANTS (VAS DEFERENS, CONTRACEPTIONS) 21,245
FRISCH, DAVID
HARVARD UNIVERSITY
BOSTON MASS

A STUDY OF THE TERATOGENICITY OF ANTICONVULSANT DRUGS US 21,245
KLEIN, NORMAN W
HARVARD UNIVERSITY
BOSTON MASS

RADIOAUTOGRAPHIC/ULTRASTRUCTURAL ANALYSIS CYCLIC UTERINE 21,245
PADYKULA, HELEN A
HARVARD UNIVERSITY
BOSTON MASS

P51 RR00169-21 ROLE OF THE ADRENAL AXIS IN STRESS INDUCED AMENORRHEA 27,707
MOBERG, GARY P
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

CHRONIC THC: EFFECTS ON REPRODUCTION AND OFFSPRING 27,707
SASSENRATH, ETHEL N
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

OVARIECTOMIZATION: BONNET MACAQUE (MACACA RADIATA) SOCIA 27,707
RASMUSSEN, DENNIS R
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

EMBRYOTOXICITY STUDIES ON BENDECTIN IN CYNOMOLGUS MONKEY 29,180
HENDRICKX, ANDREW G
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

COMPARATIVE TERATOGENICITY AND PHARMACOKINETICS OF CORTI 29,180
HENDRICKX, ANDREW G
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

EMBRYOTOXICITY OF SEX HORMONES 29,180
HENDRICKX, ANDREW G
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

CELL PROLIFERATION IN EMBRYOS 29,180
HENDRICKX, ANDREW G
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

FETOSCOPY TECHNIQUES FOR SAMPLING FETOPLACENTAL CIRCULAT 29,180
HENDRICKX, ANDREW G
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

MECHANISMS OF IMPLANTATION OF THE BLASTOCYST 29,180
HENDRICKX, ANDREW G
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

TERATOLOGICAL STUDY OF ORAL HORMONAL PREGNANCY TESTS IN 29,180
HENDRICKX, ANDREW G
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

FUNCTIONAL CYTOLOGY OF THE PLACENTA AND FETAL MEMBRANES 29,180
KING, BARRY F
UNIVERSITY OF CALIFORNIA DA
DAVIS CALIF

	CYTOLOGICAL STUDIES OF PRIMATE VAGINAL EPITHELIUM KING, BARRY F UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	29,180
	PRENATAL AND POSTNATAL DEVELOPMENT OF THE DENTATE GYRUS VIJAYAN, VIJAYA K UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	29,180
	ZINC DEPRIVATION AND TERATOGENESIS GERSHWIN, M ERIC UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	29,180
	MORPHOLOGICAL CHARACTERIZATION OF THE FETAL RHESUS LUNG SCHWARTZ, LESTER W UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	26,413
	NUTRITION IN THE PATHOGENESIS OF INFANT BOTULISM ARNON, STEPHEN S UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	17,433
	CORRECTION OF CONGENITAL HYDRONEPHROSIS IN UTERO HARRISON, MICHAEL R UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	17,433
	ULTRASONIC ASSESSMENT OF FETAL GROWTH IN THE NONHUMAN PR NYLAND, THOMAS G UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	17,433
R24 RR00007-	EVALUATION OF PULMONARY ARTERIES IN CONGENITAL HEART DIS TAJIK, A J MAYO FOUNDATION ROCHESTER, MINN	8,044
R24 RR00992-05	ARTIFICIAL BREEDING OF CHIMPANZEES MARTIN, DAVID E EMORY UNIVERSITY ATLANTA GA	40,692
R24 RR01072-04	RANA PIPIENS: ABUNDANCE, HEALTH & REPRODUCTION (PESTICID MCKINNELL, ROBERT G UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	103,071

S06 RR08006-12	STUDIES OF THE NUCLEUS ACCUMBENS (BEHAVIOR, REPRODUCTION HOLLAND, ROBERT C ATLANTA UNIVERSITY CENTER ATLANTA GA	60,290
	REGULATORY ACTIONS OF ACTH IN PRIMATE REPRODUCTION MANN, DAVID R ATLANTA UNIVERSITY CENTER ATLANTA GA	47,688
S06 RR08012-12	INTERSENSORY FUNCTIONING DURING INFANCY ALLEN, TERRY W UNIVERSITY OF TEXAS EL PASO EL PASO TEX	38,497
S06 RR08016-12	CELL PROGRAMMING IN EMBRYOGENESIS & METAPLASIA HAKIM, RAZIEL S HOWARD UNIVERSITY WASHINGTON D C	46,459
S06 RR08021-10	PRENATAL EFFECTS OF AIR POLLUTANT GASES SINGH, JARNAIL STILLMAN COLLEGE TUSCALOOSA ALA	64,095
S06 RR08025-12	EFFECTS OF CAPTAN AND THIRAM ON REPRODUCTION OF RATS SPENCER, FITZGERALD SOUTHERN UNIV AND A & M COL BATON ROUGE LA	38,994
S06 RR08055-11	EFFECTS OF TERATOGENS ON CELLULAR SLIME MOLDS ON CARP DE BROWN, MARY MEDILL KNOXVILLE COLLEGE KNOXVILLE TENN	42,011
S06 RR08091-11	ROLE OF DUCTULI EFFERENTS IN SPERM MATURATION GOYAL, HARI O TUSKEGEE INSTITUTE TUSKEGEE ALA	18,441
	ROLE OF PROSTAGLANDIN E IN THE CONTROL OF REPRODUCTION VERMA, OM P TUSKEGEE INSTITUTE TUSKEGEE ALA	18,441
S06 RR08092-09	ULTRASTRUCT'L & GENETIC ANAL OF SPERMIOGENESIS & OVARIAN MARTIN, JACQUELINE T TENNESSEE STATE UNIVERSITY NASHVILLE TENN	50,426

S06 RR08105-10	ROLE OF TYROSINASE IN THE DEVEL OF FERTILIZATION MEMBRAN MURTHY, VADIRAJA V TALLADEGA COLLEGE TALLADEGA ALA	95,612
S06 RR08132-08	PHYSIOLOGY OF FASTING IN YOUNG NORTHERN ELEPHANT SEALS ORTIZ, CHARLES L UNIVERSITY OF CALIFORNIA SA SANTA CRUZ CALIF	27,568
S06 RR08136-09	BIOCHEMICAL PROCESSES IN MALE REPRODUCTION (CONTRACEPTIO CASILLAS, EDMUND R NEW MEXICO STATE UNIVERSITY LAS CRUCES N MEX	32,705
	BIOCHEMICAL ROLE OF PROTEASES IN INSECT EMBRYOGENESIS TURNER, RALPH B NEW MEXICO STATE UNIVERSITY LAS CRUCES N MEX	22,672
S06 RR08141-05	ANIMAL MODEL OF CONGENITAL HEART DISEASE GURAM, MALKIAT S VOORHEES COLLEGE DENMARK S C	52,265
S06 RR08149-06	OSMOTIC PRESSURE AND PROTEIN ANALYSIS OF AMNIOTIC FLUID MCMILLAN, CHARLES E ALABAMA AGRI AND MECH UNIVE NORMAL ALA	50,775
S06 RR08163-05	A MODEL FOR COUNSELING YOUNG NAVAJO SUBSTANCE ABUSERS MCNELEY, JAMES K NAVAJO COMMUNITY COLLEGE TSAILE ARIZ	47,517
S06 RR08180-03	PROCESSING AND SECRETION OF PROCOLLAGEN IN CHICK EMBRYO LEUNG, MICHAEL K COLLEGE AT OLD WESTBURY OLD WESTBURY N Y	34,216
S07 RR05300-21	NATURE OF FETAL ENAMEL PROTEINS BUTLER, WILLIAM T UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	2,020
	GENETIC AND IMMUNE FACTORS IN JUVENILE DIABETES COGEN, RONALD B UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	652

S07 RR05303-21	DENTAL TRAINING IN PEDIATRIC OROFACIAL GENETIC DISEASES MCALPINE, BARBARA UNIVERSITY OF SOUTHERN CALI LOS ANGELES CALIF	600
S07 RR05313-21	FLUORIDE RETENTION FOLLOWING SODIUM FLUORIDE MOUTH RINSI WEI, STEPHEN UNIVERSITY OF IOWA IOWA CITY IOWA	554
	RECTAL DIAZEPAM IN PEDIATRIC DENTISTRY NOWAK, ARTHUR UNIVERSITY OF IOWA IOWA CITY IOWA	83
	PARENTAL ATTITUDES AND THEIR ASSOCIATION TO CHILDRENS DE GEOPFORD, STEPHEN UNIVERSITY OF IOWA IOWA CITY IOWA	202
	NITROUS OXIDE ANALGESIA AND CHILDRENS PERCEPTION OF PAIN FULL, CLEMENS UNIVERSITY OF IOWA IOWA CITY IOWA	707
S07 RR05315-16	ULTRASTRUCTURE OF CREVICULAR NEUTROPHILS IN HUMAN PERIOD BARNETT, MICHAEL L UNIVERSITY OF LOUISVILLE LOUISVILLE KY	528
S07 RR05331-19	CARIES IN JUVENILE PERIODONTITIS STATISTICAL CORRELATION FINE, DANIEL H COLUMBIA UNIVERSITY NEW YORK N Y	1,000
S07 RR05333-21	PARENTAL ATTITUDE ASSESSMENT OF BEHAV MGMT TECHNIQ FOR D GOODWIN, MARILYN S UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	23
S07 RR05335-21	FACIAL AND CRANIAL BONE REMODELING IN DEVELOPING FETUSES TOMMASONE, DENNIS CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	365
	OBSTETRIC EXTRACTIONS (FORCEP) VS TEMPOROMANDIBULAR JOIN GOLDBERG, JEROLD S CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	697

	BONE SURFACE RESORPTION & DEPOSITION IN FACIAL & CRANIA TOMMASONE, DENNIS CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	985
	DENTAL ENAMEL HYPOPLASIA IN PREMATURE INFANTS JOHNSEN, DAVID CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	817
S07 RR05346-21	PRENATAL SUTURE DEVELOPMENT IN MACACA NEMESTRINA MOFFETT, B UNIVERSITY OF WASHINGTON SEATTLE WASH	1,241
	BONE GROWTH PATTERNS IN FETAL/INFANCY IN PIGTAIL MACAQUE NEWALL, L UNIVERSITY OF WASHINGTON SEATTLE WASH	333
S07 RR05349-21	BABOON EMBRYOS IN VITRO (NONSURGICAL RECOVERY, POSTIMPLA POPE, EARLE UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	7,425
S07 RR05350-21	UTERUS IN DETERMINING FUNCTIONAL LIFE OF CORPUS LUTEUM I MARVIN H N UNIVERSITY OF ARKANSAS MED LITTLE ROCK ARK	48
	CIS DIAMMINEDICH LORPLATIUM OF FETAL ALDOLASE A ISOZYME ORR, CLIFFORD UNIVERSITY OF ARKANSAS MED LITTLE ROCK ARK	83
	EFFORTS OF TUBAL STERILIZATION ON OVARIAN FUNCTION RADWANSKA, EWA UNIVERSITY OF ARKANSAS MED LITTLE ROCK ARK	272
	A STUDY OF CHEMICAL INDUCED PLACENTOTOXICITY HARBISON, R D UNIVERSITY OF ARKANSAS MED LITTLE ROCK ARK	1,967
	CELL MEDIATED IMMUNE RESP TO AUTOLOGUS ENDOMETRIUM IN WO DMOWSKI, W P UNIVERSITY OF ARKANSAS MED LITTLE ROCK ARK	5,265

S07 RR05351-21	CELL MIGRATION AND DIFFERENTIATION DURING EMBRYONIC DEVE BONNER-FRASER, MARIA UNIVERSITY OF CALIFORNIA IR IRVINE CALIF	10,940
S07 RR05352-21	STRUCTURE FUNCTION INTERRELATIONSHIPS OF UTERINE CYTOSOL RIPPON, WILLIAM LOMA LINDA UNIVERSITY LOMA LINDA CALIF	3,000
S07 RR05353-21	PRENATAL DEVELOPMENT OF FUNCTIONAL CONNECTIONS IN THE CA SHATZ, CARLA J STANFORD UNIVERSITY STANFORD CALIF	3,999
S07 RR05354-21	STUDIES ON THE OVARIAN HYPOTHALAMICHYPOPYSEAL AXIS GORSKI, ROGER A UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	97
	PRESSURE FLOW RELATIONSHIP IN UTERINE CIRCULATION TABSH, K UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	13
S07 RR05355-21	INFANT PSYCHIATRY AND PEDIATRICS FRAIBERG, SELMA UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	4,499
	ZINC METABOLISM, MALE FERTILITY, BIRTH OUTCOME, ENZYMES BUTRIMOVITZ, GERALD UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	26,028
S07 RR05356-21	ELUCIDATION OF OVARIAN REGULATION OF FOLLICULOGENESIS DI ZEREGA, GERE UNIVERSITY OF SOUTHERN CALI LOS ANGELES CALIF	15,288
S07 RR05357-21	DEVELOPMENT OF ASPECTS OF INFANT AUDITORY LOCALIZATION SULLIVAN, JOSEPH W UNIVERSITY OF COLORADO HLTH DENVER COLO	2,653
	SYN OF STABLE OXYGEN ISOTOPES FOR DYNAMIC TRACER STUDIES ALBRECHT, BRUCE UNIVERSITY OF COLORADO HLTH DENVER COLO	6,020

S07 RR05358-21	STAT ANAL OF CLASSIFICATION OF PSYCHOPATHOLOGY OF PRESCH DAHL, KIRSTEN E YALE UNIVERSITY NEW HAVEN CONN	65
	CASE CONTROL STUDY OF PERINATAL FACTORS AND CHILD ABUSE LEVENTHAL, JOHN M YALE UNIVERSITY NEW HAVEN CONN	3,792
	GENETICS OF CNS DEVELOPMENT: PRE & POSTNATAL STUDY HERRUP, KARL YALE UNIVERSITY NEW HAVEN CONN	2,456
S07 RR05359-21	GLYCOCONJUGATE SYNTHESIS DURING PALATAL SHELF FUSION IN JOHNSON, KURT GEORGE WASHINGTON UNIVERSIT WASHINGTON D C	5,207
	TERATOGENESIS, CARCINOGENESIS: POSSIBLE RELATIONSHIP KENT, STEPHEN G GEORGE WASHINGTON UNIVERSIT WASHINGTON D C	4,602
	EFFECTS OF TRANSPLANTED GANGLIA ON NEONATE CEREBELLUM ROSENSTEIN, JEFFERY GEORGE WASHINGTON UNIVERSIT WASHINGTON D C	7,337
	EFFECTS OF PHORBOL ESTERS ON MAMMALIAN EMBRYOS IN VIVO A BROWN, NIGEL A GEORGE WASHINGTON UNIVERSIT WASHINGTON D C	10,003
S07 RR05361-21	PHENCYCLIDINE ON REPRODUCTIVE NEUROENDOCRINE SYSTEM IN R BROWN, ROBERT J HOWARD UNIVERSITY WASHINGTON D C	4,935
S07 RR05362-21	HUMAN AMNIOTIC FLUID PROTEINS TO CONSTRUCT A TWO DIMENSI BUHI, WILLIAM C UNIVERSITY OF FLORIDA GAINESVILLE FLA	2,900
	MECHANISMS BY WHICH ASPIRIN CAUSES CONGENITAL HEART DEFE HAY, DON A UNIVERSITY OF FLORIDA GAINESVILLE FLA	2,447

	ALPHA FETOPROTEIN IN THE MATERNAL/FETAL RELATIONSHIP PECK, AMMON B UNIVERSITY OF FLORIDA GAINESVILLE FLA	1,103
	CONTROLS ON EXPRESS OF IMMUNOGLOBULIN (IG) GENES IN MATU SIDEN, EDWARD J UNIVERSITY OF FLORIDA GAINESVILLE FLA	3,491
	STUDIES ON THE TERATOGENICITY OF CAFFEINE AND ENVIRONMEN MUTHER, THOMAS UNIVERSITY OF FLORIDA GAINESVILLE FLA	18,386
	INFLUENCES OF VARICOCELE ON FERTILITY SMITH, LESLIE UNIVERSITY OF FLORIDA GAINESVILLE FLA	5,871
S07 RRG5364-21	THE EXPRESSION OF HISTOCOMPATIBILITY DETERMINANTS ON AMN WHITSETT, CAROLYN EMORY UNIVERSITY ATLANTA GA	2,667
S07 RR05365-21	PROSTAGLANDIN & SYN & SWITCHING OF HUMAN FETAL HEMOGLOBI DATTA, MUKUL C MEDICAL COLLEGE OF GEORGIA AUGUSTA GA	3,994
	BETHANECHOL CHOLINERGIC AGONIST, ON BACTERICIDIAL CAPACI GUILL, MARGARET F MEDICAL COLLEGE OF GEORGIA AUGUSTA GA	4,606
S07 RR05366-21	SERUM THYROXINE BINDING GLOBULIN IN PREMATURE INFANTS HIRANO, TAKEKI UNIVERSITY OF HLTH SCI/CHIC NORTH CHICAGO ILL	1,417
	FETAL HEART RATE AND UTERINE CONTRACTILITY MONITORING DU MENDEZ-BAUER, CARLOS UNIVERSITY OF HLTH SCI/CHIC NORTH CHICAGO ILL	5,468
	ENHANCEMENT OF NEWBORN MOUSE NATURAL KILLER LYMPHOCYTE A STANWICK, TREVOR L UNIVERSITY OF HLTH SCI/CHIC NORTH CHICAGO ILL	3,098

S07 RR05367-21	DEVELOPMENT OF UNCONJUGATED HYPERBILIRUBINEAMIA IN NEWBO GARTNER, LAWRENCE M UNIVERSITY OF CHICAGO CHICAGO ILL	11,345
S07 RR05368-21	ANALYSIS OF MOTOR FUNCTIONS AFTER CEREBELLAR LESIONS IN CASTRO, ANTHONY J LOYOLA UNIVERSITY MEDICAL C MAYWOOD ILL	1,583
	MATERNAL ALCOHOLISM & NEONATAL GLUCOSE HOMEOSTASIS & ITS JANUSEK, LINDA W LOYOLA UNIVERSITY MEDICAL C MAYWOOD ILL	1,575
	IMMUNOCHEMISTRY OF AGING KIDNEY: NEONATE TO ADULT LANGE, CHARLES F LOYOLA UNIVERSITY MEDICAL C MAYWOOD ILL	1,881
S07 RR05369-21	ENDOMETRIAL STEROID RECEPTORS IN INFERTILE WOMEN KHAN-DAWOOD, FIRYAL UNIVERSITY OF ILLINOIS MEDI CHICAGO ILL	5,578
	PLACENTAL STEROID SULFATASE & ARYLSULFATASE DEFICIENCES VIDGOFF, JACLYN UNIVERSITY OF ILLINOIS MEDI CHICAGO ILL	3,127
	PRENATAL EXPOSURE TO VALIUM & LEARNING ABILITY IN CATS MARCZYNSKI, T UNIVERSITY OF ILLINOIS MEDI CHICAGO ILL	2,229
	HORMONAL EFFECTS ON CONTRACTILE APPARATUS OF MYOMETRIUM: KELLY, ROBERT E UNIVERSITY OF ILLINOIS MEDI CHICAGO ILL	334
	REGULATION OF UTERINE PROSTAGLANDINS DURING PREGNANCY WILSON, LAIRD UNIVERSITY OF ILLINOIS MEDI CHICAGO ILL	2,127
	MESSENGER RNA METABOLISM IN HEAT SHOCK CELL: EMBRYONIC T STORTI, R V UNIVERSITY OF ILLINOIS MEDI CHICAGO ILL	5,689

S07 RR05370-21	INTRAUTERINE GROWTH STUDIES FOR A REPRESENTATIVE US POPU DAVID, RICHARD J NORTHWESTERN UNIVERSITY CHICAGO ILL	1,000
	OXYTOCIN ANTAGONISTS & MODULATION OF LABOR FLOURET, GEORGE NORTHWESTERN UNIVERSITY CHICAGO ILL	781
S07 RR05371-21	DOPAMINE IN FETAL PLASMA: ORIGIN AND FUNCTION BEN-JONATHAN, NIRA INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS IND	6,607
S07 RR05372-21	DECIDUAL, MATERNAL, FETAL AND AMNIOTIC FLUID PROLACTIN I LUCIANO, ANTHONY UNIVERSITY OF IOWA IOWA CITY IOWA	2,122
	PHARMACOLOGIC MANAGEMENT OF MIDDLE EAR EFFUSION IN CHILD DUSDIEKER, LOIS UNIVERSITY OF IOWA IOWA CITY IOWA	3,872
	REGULATION OF STEROIDOGENESIS AND CELL GROWTH IN HUMAN F SIMONIAN, MICHAEL UNIVERSITY OF IOWA IOWA CITY IOWA	954
	A BACTERIAL ETIOLOGY FOR PREMATURE RUPTURED MEMBRANES VARNER, MICHAEL UNIVERSITY OF IOWA IOWA CITY IOWA	467
	PEDIATRIC METABOLIC RESEARCH UNIT FOMON, SAMUEL UNIVERSITY OF IOWA IOWA CITY IOWA	9,534
	PARENTAL PERCEPTIONS OF FUNC BEHAV PROB IN YOUNG CHILDR BLACKMAN, JAMES UNIVERSITY OF IOWA IOWA CITY IOWA	1,070
S07 RR05373-21	ADENOSINE, VASOACTIVE AUTOCOID IN PLACENTA MAGUIRE, HELEN M UNIVERSITY OF KANSAS COL HL KANSAS CITY KANS	1,858

	PROLACTIN CONTROL DURING PREGNANCY VOOGT, JAMES L UNIVERSITY OF KANSAS COL HL KANSAS CITY KANS	3,019
S07 RR05374-21	RV FUNC BY RADIONUCLIDE ANGIOGRAPHY IN CHILDREN W/ CORRE COTTRILL, CAROL M UNIVERSITY OF KENTUCKY LEXINGTON KY	2,886
	CHILD REARING ATTITUDES AND INFANT DEVELOPMENT FOSSON, ABE R UNIVERSITY OF KENTUCKY LEXINGTON KY	2,611
	PERINATAL HYPOXIA IN HUMAN NEONATES AND KITTENS: LASTIMOSA, A C UNIVERSITY OF KENTUCKY LEXINGTON KY	5,999
	DETECTION OF EPILEPTIC EVENTS IN NEONATES BAUMANN, ROBERT J UNIVERSITY OF KENTUCKY LEXINGTON KY	3,633
S07 RR05375-21	PROLACTIN IN THE QUEST OF PUBERTY CHANG, NADA UNIVERSITY OF LOUISVILLE LOUISVILLE KY	1,505
S07 RR05376-21	CROSS INNERVATED MUSCLE CELLS FROM NORMAL & DYSTROPHIC C ALLEN, EMORY LOUISIANA STATE UNIV MED CT NEW ORLEANS LA	2,718
	DEV OF LAB MODEL FOR LUTEINIZED UNRUPTURED FOLLICLE SYND CHIHAL, HELEN W LOUISIANA STATE UNIV MED CT NEW ORLEANS LA	3,060
	COMPARATIVE EFFICACY AND TOXICITY OF THEOPHYLLINE AND CA YAZDANI, MALEKTAJ LOUISIANA STATE UNIV MED CT NEW ORLEANS LA	3,181
S07 RR05378-21	BEHAVIORAL CORRELATES OF REPRODUCTIVE SUCCESS IN A RHESU MARRIOTT, BERNADETTE JOHNS HOPKINS UNIVERSITY BALTIMORE MD	3,077

S07 RR05381-21	COATED VESICLES, MEMBRANE RECOGNITION DURING MEIOSIS, EM ALBERTINI, DAVID F HARVARD UNIVERSITY BOSTON MASS	24,148
S07 RR05382-21	PRENATAL SALT IN SPONTANEOUSLY HYPERTENSIVE RAT BLOOMQUIST, EUNICE I TUFTS UNIVERSITY BOSTON MASS	11,775
S07 RR05383-21	RAPID DETECTION OF NEONATAL INTRACRANIAL HEMORRHAGE DONN, STEVEN M UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	4,595
	CT IMAGING OF THE OVARY USING POLYIODINATED STEROID ESTE GLAZER, GARY UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	5,630
S07 RR05384-21	PERFLUOROCHEMICALS IN PLACENTAL THROMBOPLASTIN AND BLOOD MCCOY, LOWELL E WAYNE STATE UNIVERSITY DETROIT MICH	1,039
	NUCLEOTIDE SEQUENCE ANALYSIS OF FETAL GLOBIN GENES OLSON, CHRISTINE B WAYNE STATE UNIVERSITY DETROIT MICH	1,380
	SURROGATE MOTHER PILOT RESEARCH PROJECT PARKER, PHILIP J WAYNE STATE UNIVERSITY DETROIT MICH	1,345
	PARENT ADOLESCENT CONFLICT ROBIN, ARTHUR L WAYNE STATE UNIVERSITY DETROIT MICH	1,609
S07 RR05386-21	HEMATOPOIETIC STEM CELL CULTURES FROM CHILDREN W/ PRIMAR IYER, RATHI V UNIVERSITY OF MISSISSIPPI M JACKSON MISS	4,488
	NEONATAL EFFECT OF ANTIESTROGENS ON POSTNATAL DEVELOPMEN LAMARTINIERE, CAROL UNIVERSITY OF MISSISSIPPI M JACKSON MISS	3,680

	CHANGES IN VASCULAR VOLUME INDUCED BY POLYCYTHEMIA IN NE LE BLANC, MICHAEL H UNIVERSITY OF MISSISSIPPI M JACKSON MISS	6,107
	LUNG SURFACTNAT & NEONATAL RESPIRATORY DISTRESS PATEL, DAKSHA M UNIVERSITY OF MISSISSIPPI M JACKSON MISS	3,564
S07 RR05387-21	ABNORMAL HEAD CIRCUMFERENCE & MINOR CONGEN ANOMALIES IN SMITH, RICHARD D UNIVERSITY OF MISSOURI COLU COLUMBIA MO	1,717
S07 RR05390-21	ROLE OF BETA ENDORPHINE IN PREECLAMPSIA OF PREGNANCY BAUMSTARK, JOHN S CREIGHTON UNIVERSITY OMAHA NEBR	2,267
	EVOLUTION & DEVELOPMENT OF FETAL MEMBRANES LUCKETT, PATRICK CREIGHTON UNIVERSITY OMAHA NEBR	110
S07 RR05391-21	FUNDING OF MAJOR EQUIPMENT PURCHASE COULTER ZBI (OB GYN) RYAN, WAYNE L UNIVERSITY OF NEBRASKA MEDI OMAHA NEBR	5,850
	FOOD ADDITIVES IN NEONATAL ANIMALS RODRIGUEZ-SIERRA, JO UNIVERSITY OF NEBRASKA MEDI OMAHA NEBR	4,260
S07 RR05392-21	PATHOGENESIS OF INTRACRANIAL HEMORRHAGE IN THE NEWBORN D EDWARDS, WILLIAM H DARTMOUTH COLLEGE HANOVER N H	13,187
	INFANTS WITH MODERATE TO SEVERE INTRAVENTRICULAR HEMORRH MORGAN, LINDA DARTMOUTH COLLEGE HANOVER N H	424
	ROLE OF MATERNAL HYPERTHERMIA AS A TERATOGEN POTENTIATIN GRAHAM, JOHN DARTMOUTH COLLEGE HANOVER N H	840

	TERATOGENICITY OF ORAL LEAD IN HAMSTERS FED CALCIUM & IR CARPENTER, STANLEY J DARTMOUTH COLLEGE HANOVER N H	3,433
S07 RR05393-21	POSSIBLE IMMUNOLOGIC REJECTION OF CHROMOSOMALLY ABNORMAL DESPOSITO, FRANKLIN UNIVERSITY OF MEDICINE & DE NEWARK N J	145
	PRENATAL HORMONES & SEXUAL & BEHAVIOR IN ADULTHOOD: PLAC FADEM, BARBARA UNIVERSITY OF MEDICINE & DE NEWARK N J	8,211
	AMNIOTIC VOLUME AND HYPERPROLACTINEMIA IN ORAL CONTRACEP JOSIMOVICH, JOHN B UNIVERSITY OF MEDICINE & DE NEWARK N J	190
	ENDOCRINE REG OF GRANULOSA CELLS OF PORCINE OVARY/ESTRAD THANKI, KANTILAL H UNIVERSITY OF MEDICINE & DE NEWARK N J	220
S07 RR05394-21	DEVELOPMENT IN THE YOUNG OF RELAXIN DEFICIENT PRIMIPAROU HORN, EUGENE H ALBANY MEDICAL COLLEGE ALBANY N Y	2,147
	DEPRESSION AND MARITAL DISCORD BECKER, ROBERT E ALBANY MEDICAL COLLEGE ALBANY N Y	414
	THE HUMAN PLACENTA AS A SOURCE OF BIOTIN CONTAINING ENZY ALLEN, S H ALBANY MEDICAL COLLEGE ALBANY N Y	1,610
	ALCOHOL SYNDROME: FATTY ACID METABOLISM IN BRAIN & LIVER GLENN, JOSEPH L ALBANY MEDICAL COLLEGE ALBANY N Y	1,687
S07 RR05395-21	DRUG DISPOSITION DURING ADOLESCENT HEIN, KAREN COLUMBIA UNIVERSITY NEW YORK N Y	14,925

S07 RR05396-21	MATURATION AND MODULATION OF LH AND PRL BINDING SITES IN MORRIS-BRINK, P CORNELL UNIVERSITY MEDICAL NEW YORK N Y	2,411
	DIABETIC PREGNANCY FIRPO, A CORNELL UNIVERSITY MEDICAL NEW YORK N Y	3,502
	CONTRIBUTION OF GENETIC DEFECTS IN SPERMATOZOA TO EARLY SIRLIN, J CORNELL UNIVERSITY MEDICAL NEW YORK N Y	2,075
S07 RR05397-21	DEVELOPMENT OF CELL JUNCTIONS: ACOUSTICOVESTIBULAR SYSTE GINZBERG, ROSEMARY D YESHIVA UNIVERSITY NEW YORK N Y	1,911
	POSTNATAL DEVELOPMENT OF PERIPHERAL CIRCULATORY FUNCTION BUCKLEY, NANCY M YESHIVA UNIVERSITY NEW YORK N Y	2,649
S07 RR05398-21	EM AND IN VITRO STUDIES OF FETAL ERYTHROID STEM CELLS ORLIC, DONALD NEW YORK MEDICAL COLLEGE VALHALLA N Y	2,807
S07 RR05399-21	PROPERTIES OF SPINAL MOTONEURONS IN NEONATAL RAT SPINAL WALTON, KERRY D NEW YORK UNIVERSITY NEW YORK N Y	8,374
	SYNTHESIS AND DEVELOPMENT OF NEUROFILAMENT PROTEINS IN N LIEM, RONALD K NEW YORK UNIVERSITY NEW YORK N Y	6,908
	POSTNATAL DEVELOPMENT OF AXON TERMINAL ARBORS MASON, CAROL A NEW YORK UNIVERSITY NEW YORK N Y	6,509
S07 RR05400-21	IMMUNE COMPLEXES IN THE OVARY: OOCYTE MATURATION AND FER ALBINI, BORIS STATE UNIVERSITY OF NEW YOR BUFFALO N Y	456

	INTERCELLULAR CONTACT AND LOSS OF CORTICAL MYOSIN IN THE SOBEL, JAEL S STATE UNIVERSITY OF NEW YOR BUFFALO N Y	6,532
	REPLACEMENT OF DIFFUSIVE BY CONVECTIVE GAS TRANSPORT IN RAHN, HERMAN STATE UNIVERSITY OF NEW YOR BUFFALO N Y	1,500
S07 RR05401-21	ENHANCING THE CHILDBIRTH EXPERIENCE: A FOLLOW UP HITTLEMAN, JOAN H DOWNSTATE MEDICAL CENTER NEW YORK N Y	2,857
S07 RR05402-21	CLINICAL SYMPTOMATOLOGY OF CHILDREN & PROBLEMS OF SEPARA MOELIS, IRVIN UPSTATE MEDICAL CENTER SYRACUSE N Y	978
S07 RR05403-21	EFFECTS OF METHYLMERCURY ON FETAL BRAIN CHOI, BEN H UNIVERSITY OF ROCHESTER ROCHESTER N Y	2,026
	EPIDEMIOLOGY OF NEONATAL ENTEROVIRUS INFECTIONS MENEGUS, MARILYN A UNIVERSITY OF ROCHESTER ROCHESTER N Y	232
	BRAINSTEM AUDITORY EVOKED RESPONSE & INFANT APNEA BROOKS, JOHN G UNIVERSITY OF ROCHESTER ROCHESTER N Y	2,503
	APPROACH TO CONTRACEPTION IN MALE COSENTINO, M UNIVERSITY OF ROCHESTER ROCHESTER N Y	3,049
	NEWBORN INTERVENTION AND SUBSEQUENT BEHAVIOR LIPTAK, G UNIVERSITY OF ROCHESTER ROCHESTER N Y	4,000
	MATERNAL DIABETES & PERINATAL HEPATIC METABOLISM MCCORMICK, KENNETH UNIVERSITY OF ROCHESTER ROCHESTER N Y	3,896

S07 RR05404-21	MATERNAL SERUM ALPHA FETOPROTEIN IN THE DETECTION OF NEU BURTON, BARBARA K WAKE FOREST UNIVERSITY WINSTON-SALAM N C	1,469
	NEUROBEHAVIORAL DEVELOPMENT OF ONE-YEAR-OLD INFANTS EDWARDS, C DREW WAKE FOREST UNIVERSITY WINSTON-SALEM N C	91
	ANTHRACYCLINE ANTIBIOTIC ANALYSIS IN CHILDREN WITH MALIG KIMBALL, JIM C WAKE FOREST UNIVERSITY WINSTON-SALEM N C	1,818
	PINEAL HORMONE EFFECTS ON MALE REPRODUCTION RUDEEN, P KEVIN WAKE FOREST UNIVERSITY WINSTON-SALEM N C	12,079
S07 RR05405-21	ASSESSMENT AND TREATMENT OF PREMENSTRUAL SYNDROME STOUT, ANNA L DUKE UNIVERSITY DURHAM N C	4,539
S07 RR05406-21	DIFFERENTIATION OF MUSCLE IN EMBRYONIC MAMALIAN MANDIBUL KOCH, WILLIAM E UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	1
	INFRARED MONITORING OF FETAL CEREBRAL OXYGEN SUFFICIENCY CEFALO, ROBERT C UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	7,407
	NEUTRALIZATION OF FOLLICLE FUNCTION IN MONKEYS (LUTEAL P HAMMOND, MARY G UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	1,986
	PSYCHOLOGICAL REACTIONS OF HYPOPITUITARY CHILDREN TO HGH STABLER, BRIAN UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	1,074
S07 RR05407-21	SEMINAL PLASMA; INHIBITORS TO UTERINE SPECIFIC PEPTIDASE JOSHI, MADHUSADAN S UNIVERSITY OF NORTH DAKOTA GRAND FORK N DAK	767

	YOUTH CHEMICAL DEPENDENCY UNIT; STATE HOSPITAL; FOLLOWUP QUERY, JOY UNIVERSITY OF NORTH DAKOTA GRAND FORK N DAK	892
S07 RR05408-21	GAP JUNCTION ENDOCYTOSIS IN CULTURED CUMULUS OOCYTE COMP LARSEN, WILLIAM J UNIVERSITY OF CINCINNATI CINCINNATI OHIO	6,994
S07 RR05410-21	DEVELOPMENT OF INSULIN RECEPTORS IN FETAL RAT LIVER PATEL, M CASE WESTERN RESERVE UNIVER CLEVELAND OHIO	1,250
S07 RR05411-21	CLOSURE OF UTERINE INCISIONS: ADHESION INDUCTION BY SUTU HOLTZ, GARY L UNIVERSITY OF OKLAHOMA HLTH OKLAHOMA CITY OKLA	1,188
	COMPARISON OF COFFEE AND DECAFFEINATED COFFEE ON HUMAN & CHRISTIANSEN, H DIX UNIVERSITY OF OKLAHOMA HLTH OKLAHOMA CITY OKLA	1,866
	SERUM LIPID VALUES IN INFANTS WITH RESPIRATORY DISTRESS MCCAFFREE, M A UNIVERSITY OF OKLAHOMA HLTH OKLAHOMA CITY OKLA	1,148
	TONE REDUCINE CAST WITH CEREBRAL PALSIED CHILDREN EMBREY, DAVID UNIVERSITY OF OKLAHOMA HLTH OKLAHOMA CITY OKLA	270
	TOXIGENIC CLOSTRIDIUM DIFFICILE IN ENTEROCOLOITIS AMONG WELCH, DAVID F UNIVERSITY OF OKLAHOMA HLTH OKLAHOMA CITY OKLA	3,298
S07 RR05412-21	SIGNIFICANCE OF MATERNAL CARDIAC ENLARGEMENT: DEVELOPMEN HOHIMER, ROGER A OREGON HEALTH SCIENCES UNIV PORTLAND OREG	3,995
	CHEMORECEPTOR RESPONSES OF INFANTS AT RISK FOR SUDDEN IN LEES, MARTIN H OREGON HEALTH SCIENCES UNIV PORTLAND OREG	12,000

	ACETAZOLAMIDE TERATOGENESIS: LOCALIZATION OF CARBONIC AN DAVIS, HOWARD W OREGON HEALTH SCIENCES UNIV PORTLAND OREG	169
S07 RR05413-21	NATURAL SUPPORT SYSTEMS & QUALITY OF TEENAGE MOTHER INFA SHUMAN, B HAHNEMANN MED COL & HOSP OF PHILADELPHIA PA	811
	PRENATAL TREATMENT OF CONGENITAL HYDROCEPHALUS IN THE CA BRODNER, ROBERT HAHNEMANN MED COL & HOSP OF PHILADELPHIA PA	1,777
S07 RR05414-21	NUTRITION & BRAIN GROWTH IN PREMATURE INFANTS DESAI, SHOBHANA THOMAS JEFFERSON UNIVERSITY PHILADELPHIA PA	1,664
	RELATIONSHIP OF STAGE & STATE OF PREGNANCY TO PROSTAGLAN LERNER, LEONARD J THOMAS JEFFERSON UNIVERSITY PHILADELPHIA PA	1,412
S07 RR05415-21	MONOCLONAL ANTIBODIES TO EMBRYONIC CELL SURFACE ANTIG OF KAUFFMAN, STUART A UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	6,571
S07 RR05417-21	STUDIES OF SPERM FUNCTION IN MAMMALIAN FERTILIZATION OLDS-CLARKE, PATRICI TEMPLE UNIVERSITY PHILADELPHIA PA	9,704
	FERTILITY AND SERTOLI CELL DEVELOPMENT ORTH, JOANNE M TEMPLE UNIVERSITY PHILADELPHIA PA	10,000
	FETAL CARDIORESPIRATORY ADJUSTMENTS TO REDUCED UTERINE B HARRIS, JOSEPH L TEMPLE UNIVERSITY PHILADELPHIA PA	11
S07 RR05419-21	AXORAL TRANSPORT OF NAK ATPASE IN NEONATES & ADULTS SPECHT, SUSAN UNIVERSITY OF PUERTO RICO M SAN JUAN PUERTO RICO	3,806

	MENSTRUATION AND ASTHMA: AN OUTPATIENT STUDY RODRIQUEZ, RAFAEL J UNIVERSITY OF PUERTO RICO M SAN JUAN PUERTO RICO	1,350
S07 RR05420-21	MATERNAL IMMUNOSUPPRESSION IN HUMAN PREGNANCY STRELKAUSKAS, ANTHON MEDICAL UNIVERSITY OF SOUTH CHARLESTON S C	10,000
	THE EFFECT OF RUNNING ON MENSTRUAL CYCLE: REPRODACTIVE H BAKER, ELIZABETH R MEDICAL UNIVERSITY OF SOUTH CHARLESTON S C	1,003
	REPRODUCTIVE BIOLOGY INVOLVING ESTROGEN REGULATION CHILTON, BEVERLY MEDICAL UNIVERSITY OF SOUTH CHARLESTON S C	1,314
S07 RR05422-21	AN INVESTIGATION OF PYRUVATE CARBOXYLASE IN HUMAN AMNIOT RAGHUNATHAN, R MEHARRY MEDICAL COLLEGE NASHVILLE TENN	3,600
	A COMPARATIVE STUDY: THE TRADITIONAL DELIVERY ROOM AND T CARTER, ANNIE MEHARRY MEDICAL COLLEGE NASHVILLE TENN	2,400
	DIGITILIZATION & STATISTICAL ANAL OF PARIMETERS IN OBSTE FOSTER, HENRY MEHARRY MEDICAL COLLEGE NASHVILLE TENN	1,600
S07 RR05424-21	ETHANOL & PLACENTA UPTAKE & MATERNAL FETAL TRANSFER OF E PATWARDHAN, RASHMI V VANDERBILT UNIVERSITY NASHVILLE TENN	915
	ANTIANDROGEN ACTION OF CIMETIDINE: CONTRAINDICATED PREGN AVANT, GEORGE R VANDERBILT UNIVERSITY NASHVILLE TENN	1,412
	CONSEQUENCES OF ADOLESCENT PREGNANCY & CAESAREAN SECTION O'CONNOR, SUSAN M VANDERBILT UNIVERSITY NASHVILLE TENN	5,241

	POLYSACCHARIDE EXOTOXIN OF GROUP B STREPTOCOCCI (INFECTI HELLERQVIST, CARL G VANDERBILT UNIVERSITY NASHVILLE TENN	10,000
	PERINATAL FLUID HOMEOSTATIS IN DEVEL OF NEONATAL AIR LEA ROJAS, JORGE VANDERBILT UNIVERSITY NASHVILLE TENN	1,922
	CHARACTERIZATION OF MEMBRANE CHANGES ASSOCIATED WITH TRO HOFFMAN, LOREN H VANDERBILT UNIVERSITY NASHVILLE TENN	2,373
S07 RR05425-21	VENTILATORY RESPONSES, INFANTS KATZ, CAROLYN BAYLOR COLLEGE OF MEDICINE HOUSTON TEX	1,291
S07 RR05426-21	LUTEINIZING HORMONE & FREE TESTOSTERONE IN DEPRESSION BROPHY, MICHAEL H UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	1,321
	TOLAZOLINE ON NEWBORN SWINE BRAIN BLOOD FLOW DURING ISOC LAPTOOK, ABBOT R UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	3,780
	COMPLIANCE WITH MEDICAL REGIME IN ADOLESCENTS WITH DIABE DEV, V G UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	125
	RELATIONSHIPS BETWEEN BLOOD PRESSURE & BLOOD VOLUME DURI ARANT, BILLY S, JR UNIVERSITY OF TEXAS HLTH SC DALLAS TEX	43
S07 RR05427-21	POSTNATAL DEVELOPMENT OF THE ANTERIOR PITUITARY CHILDS, GWEN UNIVERSITY OF TEXAS MED BR GALVESTON TEX	5,666
	THE USE OF RADIOASSAYS TO STUDY REPRODUCTIVE FUNCTION IN COLLINS, THOMAS UNIVERSITY OF TEXAS MED BR GALVESTON TEX	3,815

S07 RR05428-21	BACTERIAL FLORA OF VAGINA AND TOXIC SHOCK SYNDROME SMITH, CHARLES B UNIVERSITY OF UTAH SALT LAKE CITY UTAH	4,192
S07 RR05429-21	VASCULAR REACTIVITY DURING PREGNANCY HATJIS, CHRISTOS UNIVERSITY OF VERMONT & ST BURLINGTON VT	188
S07 RR05431-21	MATERNAL MESSENGER RNA AND ITS ROLE IN EMBRYOGENESIS HARSA-KING, MARY L UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	6,168
	TERATOGENICITY OF ANTICONVULSANT DRUGS KELLY, THADDEUS E UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	3,012
	VENTILATORY RESPONSE TO HYPOXIA IN THE NEWBORN DARNALL, ROBERT A UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	2,709
	CELLULAR AND BIOCHEMICAL MECHANISMS OF ESTROGEN ACTION I VELDHUIS, JOHANNES D UNIVERSITY OF VIRGINIA CHAR CHARLOTTESVILLE VA	5,001
S07 RR05432-21	PREGNANCY INDUCED HYPERTENSION (PIH) PREMATURE LABOR BENEDETTI, THOMAS J UNIVERSITY OF WASHINGTON SEATTLE WASH	10,388
	PULSATILE PATTERN OF GONADOTROPINS IN DIFFERENT PHASES O SOULES, MICHAEL R UNIVERSITY OF WASHINGTON SEATTLE WASH	10,990
S07 RR05434-21	WHOLE BODY PROTEIN TURNOVER IN CHILDREN WITH CANCER KIEN, C LARRY MEDICAL COLLEGE OF WISCONSI MILWAUKEE WIS	691
	EFFECTS OF AGING ON THE MALE REPRODUCTIVE SYSTEM TSITOURAS, PANAYIOTI MEDICAL COLLEGE OF WISCONSI MILWAUKEE WIS	1,352

	TRANSFER OF PERSISTANT CHEMICALS TO OFFSPRING VODICNIK, MARY JO MEDICAL COLLEGE OF WISCONSI MILWAUKEE WIS	426
	THERAPY OF CHILDHOOD CANCER CAMITTA, BRUCE M MEDICAL COLLEGE OF WISCONSI MILWAUKEE WIS	5,724
S07 RR05435-21	DEVELOP OF AUTONOMIC RESPONSIVENESS DURING DIFFER SLEEP LEAVITT, LEWIS A UNIVERSITY OF WISCONSIN MAD MADISON WIS	5,090
S07 RR05441-21	STUDY OF SELECTED CORRELATES OF INITIATION OF PRENATAL C HANAFI, HAMOUDA UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	294
	ORAL CONTRACEPTIVE HORMONES ON GROWTH RATE OF MALIGNANT LONGMAN, SHERYL UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	282
	ATTITUDES TOWARD BREAST FEEDING MARTIN, JOANNE UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	133
	NEONATAL TOLERANCE TO BOVINE SERUM ALBUMIN CAN BE ENDUCE MORGAN, AMY S UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	95
	FACTORS IN YOUTH PREDISPOSING TO CHRONIC DISEASE PAFFENBARGER, RALPH UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,794
	ADOLESCENT SMOKING AND ALCOHOL INTERVENTION PROGRAMS RUNDALL, THOMAS G UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,767
	STABLE AND REPRODUCIBLE PHENOTYPIC CHARACTERISTICS CHUN, PETER UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	796

	GOSSYPOL MALE CONTRACEPTIVE PILL STUDY DE PEYSTER, ANN UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	773
	BARRIERS TO BREASTFEEDING FINHELHOR, SARAH E UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	91
S07 RR05442-21	EVALUATION OF PERINATAL RISK FACTORS IN HOME DELIVERY PR GREENLAND, SANDER UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	2,269
	PREDICTORS OF SUCCESS IN A PEDIATRIC/ADOLESCENT WEIGHT R NEUMANN, CHARLOTTE UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	197
	SYSTEMATIZATION & CODING OF OBSERVATIONAL DATA ON CHILDB SCRIMSHAW, SUSAN UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	341
	BEHAVIORAL CORRELATES OF ADOLESCENT BLOOD PRESSURE: ANGE SIEGEL, JUDITH M UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	2,767
	TYPE A BEHAVIOR & SELF REPORTS OF CARDIOVASCULAR AROUSAL SIEGEL, JUDITH M UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	2,822
S07 RR05443-21	EARLY PREGNANCY BLEEDING ON PREGNANCY OUTCOME (LOW BIRTH BERKOWITZ, GERTRUD S YALE UNIVERSITY NEW HAVEN CONN	2,009
	THE OPTIMAL AGE OF MEASLES VACCINATION IN TAIWAN (MATERN BLACK, FRANCIS L YALE UNIVERSITY NEW HAVEN CONN	387
	CULTURE OF EMBRYONIC CELLS OF THE TICK IXODES DAMMINI (A BUCKLEY, SONJA M YALE UNIVERSITY NEW HAVEN CONN	4,813

S07 RR05444-21	LONGTERM STUDY OF CHILDREN OF TEENAGERS AND OLDER MOTHER CHERRY, FLORA TULANE UNIVERSITY OF LOUISI NEW ORLEANS LA	2,874
S07 RR05445-21	ECTOPIC PREGNANCY & PELVIC INFLAMMATORY DIS ASSOCIATED W GRAY, RONALD H JOHNS HOPKINS UNIVERSITY BALTIMORE MD	9,999
	CALCIUM MAGNESIUM METABOLISM IN PREGNANCY INDUCED HYPERT VILLAR, JOSE JOHNS HOPKINS UNIVERSITY BALTIMORE MD	9,585
	FACTORS DETERMINING USE OF SUBSTITUTE CHILD CARE ALEXANDER, CHERYL S JOHNS HOPKINS UNIVERSITY BALTIMORE MD	1,677
	STRESS RESPONSES OF WOMEN AS RELATED TO THE MENSTRUAL CY FORTNEY, SUZANNE JOHNS HOPKINS UNIVERSITY BALTIMORE MD	19,241
S07 RR05448-21	MOTHERS EMPLOYMENT STATUS & CHILDRENS NUTRITIONAL STATUS FLEMMING, PHYLLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	3,237
	VITAMIN B6 STATUS IN ADOLESCENT FEMALES AND CONTRACEPTIO VANZYL YORK, PAMELA UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	2,339
	DEPRESSION, HOSTILITY AND ADOLESCENT SUICIDAL BEHAVIOR PETZEL, SUE V UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	3,306
	NUTRITIONAL STATUS, FOOD BEHAVIORS OF 75 BLACK ADOLESCEN STORY, MARY UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	6,037
	HEALTH STATUS OF INFANTS, AGE TWO KEMP, JANET UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	250

S07 RR05449-21	PERINATAL & NEONATAL HEALTH IN RURAL JAMAICA DREHER, MELANIE COLUMBIA UNIVERSITY NEW YORK N Y	9,268
	MOSQUITO REPRODUCTIVE PHYSIOLOGY WILLIAMS, ROGER COLUMBIA UNIVERSITY NEW YORK N Y	7,500
S07 RR05450-21	MIDDLE EAR DISEASE AND MOTHER INFANT COMMUNICATION ADAMS, JUDITH L UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	503
	STRESS IN THE ETIOLOGY OF CHILD MALTREATMENT HOWZE, DOROTHY UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	192
	FERTILITY, FAMILY PLANNING AND HEALTH OPINIONS OMRAN, ABDEL R UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	3,806
	CHILD MORTALITY DECLINE IN THE LESS DEVELOPED COUNTRIES OMRAN, ABDEL R UNIVERSITY OF NORTH CAROLIN CHAPEL HILL N C	118
S07 RR05457-20	ULTRASONIC ASSESSMENT OF FETAL GROWTH IN THE NONHUMAN PR NYLAND, THOMAS G UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	2,860
	LACTATIONAL SUPPRESSION OF OVULATION IN THE RABBIT STABENFELDT, GEORGE UNIVERSITY OF CALIFORNIA DA DAVIS CALIF	1,326
S07 RR05460-20	GONADOGENESIS IN THE MAMMALIAN FETUS STEIN, LARRY E UNIVERSITY OF ILLINOIS URBA URBANA ILL	3,162
S07 RR05462-20	PREGNANCY AND LACTATION AS FACTORS AFFECTING INTESTINAL LENGEMANN, FRED CORNELL UNIVERSITY ITHACA ITHACA N Y	1,993

	INTERACTION BETWEEN THECA & GRANULOSE CELLS OF BOVINE OV FORTUNE, JOANNE CORNELL UNIVERSITY ITHACA ITHACA N Y	3,980
	DEVELOPMENT SPONTANEOUS ANIMAL MODEL DJERINE SOTTAS DISE COOPER, BARRY J CORNELL UNIVERSITY ITHACA ITHACA N Y	1,992
S07 RR05464-20	TOXOCARA INFECTION AND OCULAR DISEASE IN CHILDREN GLICKMAN, LAWRENCE T UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	2,409
	QUANTITATIVE ETHOLOGICAL ANALYSIS OF SOCIAL BEHAVIOR IN FAGEN, ROBERT UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	1,729
	IN VIVO AND IN VITRO STUDIES ON AGING OF THE UTERINE SMO IYENGAR, M RAJA UNIVERSITY OF PENNSYLVANIA PHILADELPHIA PA	282
S07 RR05466-16	COMPUTER MEASUREMENT OF CRANIAL SUTURES OF CHILDREN SEPALL, HERVEY D LOS ANGELES COUNTY-UNIV OF LOS ANGELES CALIF	165
	PITUITARY & OVARIAN FUNCTION FOLLOWING TERM PREGNANCY MARRS, RICHARD P LOS ANGELES COUNTY-UNIV OF LOS ANGELES CALIF	1,545
	INTRAPARTUM FETAL SURVEILLANCE INDEX YEH, SZE YA LOS ANGELES COUNTY-UNIV OF LOS ANGELES CALIF	1,266
	INTRACELLULAR STEROID BINDING PROTEINS IN REPRODUCTIVE T GIBBONS, WILLIAM E LOS ANGELES COUNTY-UNIV OF LOS ANGELES CALIF	344
	ROLE OF ANDROGENS IN FERTILITY LOBO, ROGERIO A LOS ANGELES COUNTY-UNIV OF LOS ANGELES CALIF	1,514

S07 RR05467-14	FLUOROMETRIC QUANTITATION ON PROTEASES: PRENATURAL DIAGN CHIU, DANNY CHILDREN'S HOSPITAL MED CTR OAKLAND CALIF	482
S07 RR05471-20	PRENATAL DIAGNOSIS OF SICKLE CELL ANEMIA USING SYNTHETIC CONNER, BRENDA CITY OF HOPE NATIONAL MEDIC DUARTE CALIF	5,085
S07 RR05475-20	PSYCHOLOGICAL ADJUSTMENT OF SIBS OF CHILDREN WITH CHRONI LAVIGNE, JOHN CHILDREN'S MEMORIAL HOSPITA CHICAGO ILL	70
S07 RR05477-20	PURCHASE OF LABORATORY EQUIPMENT (OB/GYN) DMOWSKI, P RUSH UNIVERSITY CHICAGO ILL	6,812
S07 RR05479-20	ISOLATION OF THYROID STIMULATOR PRODUCED BY TROPHOBLASTI AMIR, SYED BETH ISRAEL HOSPITAL BOSTON MASS	3,627
S07 RR05481-12	PATHOLOGIC AND GENETIC SURVEILLANCE OF HUMAN PREGNANCY L BIEBER, FREDRICK BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	3,021
	TERATOGENIC STIMULUS IN MATERNAL DIABETES MELLITUS: IN M GREENE, MICHAEL BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	2,177
	HYPOGLYCEMIA DURING BLOOD PRODUCT TRANSFUSION IN VERY LO EPSTEIN, MICHAEL BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	82
	INTERACTION OF FETAL CATECHOLAMINES PHILIPPE, MARK BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	604
	AROMATIZATION OF NORETHINDRONE IN PLACENTA BARBIERI, ROBERT L BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	849

	BREATHING PATTERNS LEADING TO APNEA IN PREMATURE INFANTS WAGGENER, THOMAS BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	4,780
	WOMEN WITH PREMATURE RUPTURE OF MEMBRANES TUOMALA, RUTH BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	3,905
S07 RR05484-20	ELECTROMYOGRAPHIC DETECTION OF MIRROR MOVEMENTS IN PREAD WOODS, BRYAN T MCLEAN HOSPITAL DIV OF MASS BELMONT MASS	16
	EVAL OF CHANGE DURING FAMILY THERAPY WITH ADOLESCENTS MALTAS, CAROLYN N MCLEAN HOSPITAL DIV OF MASS BELMONT MASS	86
	SYMPTOMS AMONG ADOLESCENT ADOPTEES WHO ARE PSYCHIATRIC P KLEIN, ARTHUR MCLEAN HOSPITAL DIV OF MASS BELMONT MASS	1,125
	LONGITUDINAL STUDIES OF AT RISK ADOLESCENTS AND FAMILIES HAUSER, STUART T MCLEAN HOSPITAL DIV OF MASS BELMONT MASS	11,500
S07 RR05486-20	INTERACTION OF ANTIBODY AND ENTERIC ANTIGEN IN RABBIT NE KLEINMAN, RONALD E MASSACHUSETTS GENERAL HOSPI BOSTON MASS	11,337
S07 RR05487-20	PRENATAL HORMONE TREATMENT OF SONS OF DIABETIC MOTHERS: PILLARD, R UNIVERSITY HOSPITAL BOSTON MASS	549
	PSYCHOTHERAPY RESEARCH: MULTIPROBLEM FAMILY STECHLER, GERALD UNIVERSITY HOSPITAL BOSTON MASS	833
	PSYCHOTHERAPY RESEARCH: MULTIPROBLEM FAMILY STECHLER, GERALD UNIVERSITY HOSPITAL BOSTON MASS	4,711

	BEHAVIORAL ANALYSIS OF AUTISTIC CHILDREN: ENVIRONMENTAL O'CALLAGHAN, C UNIVERSITY HOSPITAL BOSTON MASS	2,320
S07 RR05439-20	MAMMALIAN BLOOD EPIDIDYMIS BARRIER: MALE REPRODUCTION HOFFER, ANITA P BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	309
	EXCRETION OF LOCAL ANESTHETICS IN BREAST MILK: DRUG META NAULTY, JOHN BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	231
	CYOTOXIC AND ANTIFERTILITY EFFECTS OF GOSSYPOL IN MALE R HOFFER, ANITA P BRIGHAM AND WOMEN'S HOSPITA BOSTON MASS	3,445
S07 RR05493-20	EXERCISE IN CHILDREN WITH CYSTIC FIBROSIS CERNY, FRANK J CHILDREN'S HOSPITAL BUFFALO N Y	2,342
	NEWBORN HYPERCOAGULABILITY STUDIES (OCCURENCE OF INTRACR MC DONALD, MARILYN M CHILDREN'S HOSPITAL BUFFALO N Y	4,542
	LOCAL & SYSTEMIC IMMUNE RESPONSE TO ROTAVIRUS INFECTION TALTY, MARIE R CHILDREN'S HOSPITAL BUFFALO N Y	100
	NATURAL HISTORY OF ACUTE AIRWAY OBSTRUCTION IN CHILDREN ZOLEDZIOWSKI, SEVERY CHILDREN'S HOSPITAL BUFFALO N Y	209
	ASSESMENT HORMONAL FACTORS INFLUENCE FETAL GROWTH IN INF MACGILLIVRAY, MARGAR CHILDREN'S HOSPITAL BUFFALO N Y	1,200
	GASTROINTESTINAL MOTILITY IN NEWBORN PUPPIES W/EXPERIMEN KARP, MELVYN P CHILDREN'S HOSPITAL BUFFALO N Y	5,039

	PROMETAPHASE CHROMOSOME ANALYSIS IN INVESTIGATION OF FET THARAPEL, AVIRACHAN CHILDREN'S HOSPITAL BUFFALO N Y	2,867
	VAGINAL CONTRACEPTION & S AUREUS COLONIZATION OF FEMALE DILLON, WILLIAM P CHILDREN'S HOSPITAL BUFFALO N Y	1,960
	NASAL AIRWAY RESISTANCE IN NORMAL CHILDREN & CHILDREN WI GEORGITIS, JOHN W CHILDREN'S HOSPITAL BUFFALO N Y	5,000
S07 RR05496-20	CENTRALLY MEDIATED CEREBROVASCULAR RESPONSES IN THE EPIL KLEIN, MARVIN LONG ISLAND JEWISH-HILLSIDE NEW HYDE PARK N Y	9,975
S07 RR05499-20	PREMENSTRUAL SYNDROMES: FAMILIAL AND BIOLOGICAL STUDIES HALBREICH, URIEL MONTEFIORE HOSPITAL AND MED NEW YORK N Y	7,628
S07 RR05506-20	THYROID HORMONES & BREAST MILK: HYPOTHYROIDISM TENORE, ALFRED CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	19,612
	3 METHYL HISTIDINE IN PREDICTING NUTRITIONAL STATUS OF H SUMMER STUDENT CHILDREN'S HOSPITAL OF PHIL PHILADELPHIA PA	1,000
S07 RR05507-20	FETAL CELLS GROWN FROM PERIPHERAL BLOOD OF GRAVID WOMEN STEELE, MARK W CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	522
	CLEARANCE OF B2 MICROGLOBULIN IN CHILDREN WITH DIABETES ELLIS, DEMETRIUS CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	1,533
	VALIDITY AND RELIABILITY OF CONDITIONED AUDIOMETRY IN IN FELDMAN, R M CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	1,320

	POTENTIATION OF NEWBORN HOST DEFENSES: DRUG SCHUIT, KENNETH E CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	6,827
	PATHOGENESIS OF HEARING LOSS IN THE SICK PREMATURE INFAN BERGMAN, IRA CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	955
	RELIABILITY AND VALIDITY OF AN INFANT DEVELOPMENT TEST MURPHY, TIMOTHY F CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	1,240
	CHILD ABUSE: ROLE OF HEALTH PROFESSIONAL REPORTING REINHART, JOHN B CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	383
	PREVALENCE OF HEPATITIS B SURFACE ANTIGEN IN MOTHERS AT WALD, ELLEN R CHILDREN'S HOSPITAL OF PITT PITTSBURGH PA	17
S07 RR05511-20	CHEMICAL & BIOLOGICAL STUDIES OF INHIBIN F: AN OVARIAN G SHUM, WAN-KYNG LIU UNIVERSITY OF TEXAS SYSTEM HOUSTON TEX	9,195
	CELL SURFACE GLYCOPROTEINS IN EMBRYOGENESIS IVATT, RAYMOND J UNIVERSITY OF TEXAS SYSTEM HOUSTON TEX	12,228
S07 RR05517-16	EVALUATION OF FAMILIES AND DIVORCE WORKSHOP - SUBJECT FE GREEN, ALVIN MENNINGER FOUNDATION TOPEKA KANS	875
S07 RR05521-20	TREATMENT OF OBESE CHILDREN: EFFECTIVENESS & IMPLICATION HESS, KARL W KAISER FOUNDATION RESEARCH OAKLAND CALIF	9,447
S07 RR05528-20	PHOTOPERIODIC REGULATION OF MAMMALIAN REPRODUCTION GOLDMAN, BRUCE D WORCESTER FDN FOR EXPER BIO SHREWSBURY MASS	51,648

S07 RR05534-10	GENETICS OF HUMAN SPERM: KARYOTYPIC ANAL OF SPERM (IN VI CHAGANTI, RAJU S SLOAN-KETTERING INSTITUTE F NEW YORK N Y	1,000
S07 RR05535-20	EFFECTS OF SALICYLATE IN ONCOGENESIS IN THE RAT EMBRYO KLEIN, KENNETH L CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	1,290
	CAFFEINE EFFECTS ON RODENT EMBRYOS SCOTT, WILLIAM J CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	4,673
	A1 ANTITRYPSIN AND ITS DEFICIENCY IN CHILDREN HUG, GEORGE CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	2,733
	FETAL ALCOHOL SYNDROME: BEHAVIORAL STUDIES IN THE RODENT FERNANDEZ, KATHLEEN CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	3,515
	EFFECT OF PRENATAL OPIATE RECEPTOR BLOCKADE ON NORMAL PO VORHEES, CHARLES V CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	791
	MOLECULAR BIOLOGY OF GLOBIN GENES EXPRESSION DURING FETA DUNCAN, CRAIG H CHILDREN'S HOSPITAL MEDICAL CINCINNATI OHIO	9,290
S07 RR05538-20	CHANGES IN SERUM LIPIDS AND APOLIPOPROTEINS OF NEONATE A MCCONATHY, WALTER J OKLAHOMA MEDICAL RESEARCH F OKLAHOMA CITY OKLA	14,895
S07 RR05551-20	METABOLISM OF THE ERTHROCYTE IN HEPATOCELLULAR DISEASE & LA CHANT, N LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	1,347
	MECHANISMS OF SECONDARY AMENORRHEA IN SIMPLE WEIGHT LOSS BOYERS, S LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	1,261

	CELLULAR IMMUNITY IN NEWBORNS, ROLE OF HUMAN BREAST MILK KELLER, MARGARET, A LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	466
	HEMODYNAMICS RESPONSES OF PREGNANT EWES TO VASOACTIVE AG MURAD, S LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	2,063
	NEUROSYMPATHETIC SYSTEM ONTOGENESIS IN THE FETAL & NEWBO PADBURY, J LOS ANGELES COUNTY HARBOR-U TORRANCE CALIF	159
S07 RR05556-20	NEONATAL ROTAVIRUS INFECTIONS SANTOSHAM, MATHURAM BALTIMORE CITY HOSPITALS BALTIMORE MD	1,616
	CERVICAL TRAUMA AND AMNIOTIC FLUID INFECTION ROBINSON, J COURTLAN BALTIMORE CITY HOSPITALS BALTIMORE MD	979
S07 RR05566-19	ADVANCED VERSION OF MICROPROCESSOR OF EDUCATIONAL AID FO GILDEN, DEBORAH MEDICAL RESEARCH INSTITUTE SAN FRANCISCO CALIF	1,100
S07 RR05570-12	CONTROL OF PLACENTAL PROGESTERONE PRODUCTION CARITIS, STEVE N MAGEE-WOMEN'S HOSPITAL PITTSBURGH PA	5,592
	MOTHER INFANT CONTACT STUDY TAYLOR, PAUL M MAGEE-WOMEN'S HOSPITAL PITTSBURGH PA	300
	REGULATORY CONTROL OF PUBERTY RYAN, KATHLEEN D MAGEE-WOMEN'S HOSPITAL PITTSBURGH PA	3,370
	REGULATION OF FETAL & NEONATAL INTESTINAL OXYGENATION HOLZMAN, IAN R MAGEE-WOMEN'S HOSPITAL PITTSBURGH PA	6,500

S07 RR05576-18	EMOTIONAL CONCOMMITTANTS OF CHILDHOOD EPILEPSY MATTHEWS, WENDY RUTGERS MEDICAL SCHOOL PISCATAWAY N J	10,415
	PEDIATRIC SEIZURE CONTROL CENTER BARABAS, GABOR RUTGERS MEDICAL SCHOOL PISCATAWAY N J	10,312
	CHEMOSENSITIVITY OF CLOSE RELATIONS TO PATIENTS W/ SUDDE SCHIFFMAN, PHILLIP RUTGERS MEDICAL SCHOOL PISCATAWAY N J	25
S07 RR05583-18	ESTROGEN INDUCED TERATOGENESIS AND CARCINOGENESIS VORHERR, HELMUTH M UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	1,731
	PREVENTION OF CYTOMEGALOVIRUS INFECTION IN NEWBORN INFAN SIMON, TOBY L UNIVERSITY OF NEW MEXICO AL ALBUQUERQUE N MEX	7,815
S07 RR05584-18	CLINICAL PHARMACOKINETIC STUDIES OF ANTINEOPLASTIC DRUGS CROM, WILLIAM R ST. JUDE CHILDREN'S RESEARC MEMPHIS TENN	30,352
S07 RR05588-16	FETAL LUNG MATURATION LAI, YIH-LOONG VIRGINIA MASON RESEARCH CEN SEATTLE WASH	202
S07 RR05590-18	IN UTERO ISOXSUPRINE EXPOSURE CRAWFORD, CAROLYN S PENNSYLVANIA HOSPITAL PHILADELPH PA	818
	FAMILY INTERACTIONS SINGER, MELVIN PENNSYLVANIA HOSPITAL PHILADELPH PA	2,979
	DISAPPEARENCE RATES OF HCG ETC (OB/GYN) WALLACH, EDWARD PENNSYLVANIA HOSPITAL PHILADELPH PA	1,000

	INTRAUTERINE MEMBRANE INFECTION AND PREMATURE LABOR AND LIBRIZZI, RONALD PENNSYLVANIA HOSPITAL PHILADELPH PA	1,100
	TIME LAPSE FILMING OF FOLLICULAR GROWTH AND OVULATION WALLACH, EDWARD PENNSYLVANIA HOSPITAL PHILADELPH PA	1,075
S07 RR05598-17	DEVELOPMENTAL DELAYS OF UNKNOWN ETIOLOGY IN CHILDREN KEARSLEY, RICHARD NEW ENGLAND MEDICAL CENTER BOSTON MASS	6,570
S07 RR05604-06	WOMENS QUALITATIVE RESPONSES TO THEIR MENSTRUAL CYCLE EX O'ROURKE, MARIA W UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	2,527
	SOCIAL SUPPORT NEEDED BY SINGLE PARENTS OF PRESCHOOL CHI NORBECK, JANE S UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	2,342
S07 RR05605-04	NEONATAL RODENT FOR DETERMINING CARCINOGENS AND/OR TUMOR SIPES, I GLENN UNIVERSITY OF ARIZONA TUCSON ARIZ	2,166
S07 RR05615-14	COMPLIANCE WITH THE MEDICAL REGIMEN AMONG CHRONICALLY IL MARKOWITZ, FRANK AMERICAN INSTITUTES FOR RES WASHINGTON D C	62
	PSYCHOLOGICAL ADJUSTMENT OF WOMEN MOLESTED AS CHILDREN CARREL, KATHLEEN S AMERICAN INSTITUTES FOR RES WASHINGTON D C	690
	LOW INCOME WOMENS ROLE IN INFORMED HEALTH CARE MURRAY, SAUNDRA AMERICAN INSTITUTES FOR RES WASHINGTON D C	2,647
S07 RR05623-16	ENDOCRINOLOGICAL ASPECTS OF PARTURITION FETAL GROWTH AND WALSH, SCOTT W MICHIGAN STATE UNIVERSITY EAST LANSING MICH	11,366

	ENDOCRINOLOGY OF FETAL GROWTH WALSH, SCOTT W MICHIGAN STATE UNIVERSITY EAST LANSING MICH	1,571
S07 RR05649-16	BIOMECHANICAL ASSESMENT OF DISABLED CHILD COCHRAN, GEORGE NEW YORK STATE DEPARTMENT O ALBANY N Y	540
S07 RR05650-16	FAMILY HISTORY METHOD PREDICING TREATMENT OUTCOME IN DEP RABKIN, JUDITH G NEW YORK STATE PSYCHIATRIC NEW YORK N Y	2,671
	EVALUATION & TREATMENT OF CHILD MOLESTERS: SUPPLEMENT ABEL, GENE NEW YORK STATE PSYCHIATRIC NEW YORK N Y	7,256
	LATERALIZED HEMISPHERIC FUNCTION IN DEPRESSED CHILDREN BRUDER, GERARD E NEW YORK STATE PSYCHIATRIC NEW YORK N Y	1,766
	PROSPECTIVE STUDY OF CHILDREN OF SCHIZOPHRENIC PARENTS ERLENMEYER-KIMLING, NEW YORK STATE PSYCHIATRIC NEW YORK N Y	11,327
	CHARACTERISTICS OF DROPOUTS FROM CHILD PSYCHIATRY CLINIC GOULD, MADELYN NEW YORK STATE PSYCHIATRIC NEW YORK N Y	1,000
	PREPARTORY INVESTIGATIONS FOR PSYCHOLOGICAL AUTOPSY STUD SHAFFER, DAVID NEW YORK STATE PSYCHIATRIC NEW YORK N Y	1,884
	ASSESSMENT OF CLASSROOM BEHAVIOR OF CHILDREN WITH HYPERA GITTELEMEN, RACHEL NEW YORK STATE PSYCHIATRIC NEW YORK N Y	439
S07 RR05653-15	SERTOLI GERM CELL INTERACTION IN POSTNATAL TESTIS BRESSLER, RUBIN S MOUNT SINAI SCHOOL OF MEDIC NEW YORK N Y	11,174

S07 RR05654-15	EFFICACY OF EXCHANGE TRANSFUSION FOR NEONATAL POLYETYEMI RAMAMURTHY, RAJAM S UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	659
	DEFINITION OF THE HORMONAL MECHANISM OF PUBERTAL GROWTH COPELAND, MURRAY M UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	1,917
	AUDITORY & SOMATOSENSORY EVOKED RESPONSE IN FUNCTIONS OF BRUNELL UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	99
	ETHNIC DIFFERENCES IN PSYCHIATRIC TREATMENT OF MEXICAN A MATTHEWS, KATHLEEN S UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	1,270
	IMMUNOREGULATION BY FACTOR IN HUMAN PREGNANCY SERUM RUSSELL, I J UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	4,685
	THE ROLE OF PROLACTIN ON THE MENSTRUAL CYCLE OF THE RHES BALMACEDA, JOSE P UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	2,611
	EFFECTS OF AGE & THYROID STATUS ON THE REPRODUCTIVE AXIS STEGER, RICHARD W UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	3,724
	FAT EMULSION TOLERANCE IN VERY LOW BIRTHWEIGHT NEONATES HILLIARD UNIVERSITY OF TEXAS HLTH SC SAN ANTONIO TEX	4,859
S07 RR05655-12	DEPRESSION IN CHILDHOOD BURKE, PATRICK CHILDREN'S ORTHOPEDIC HOSPI SEATTLE WASH	1,295
	CHRONIC CHILDHOOD ARTHRITIS SCHALLER, JANE CHILDREN'S ORTHOPEDIC HOSPI SEATTLE WASH	4,174

	CHARACT NORMAL POSTNATAL DEVEL MECH PROPERTIES OF EXTRA RIIFF, EDUARDO RIFF CHILDREN'S ORTHOPEDIC HOSPI SEATTLE WASH	43
S07 RR05656-15	AIRBORNE HAZARDS OF WOODBURNING STOVE TO CHILDREN HONICKY, RICHARD E MICHIGAN STATE UNIVERSITY EAST LANSING MICH	2,255
	PUBERTY STAGING AS A PREDICTOR OF ATHLETIC INJURIES MCKEAG, DOUGLAS B MICHIGAN STATE UNIVERSITY EAST LANSING MICH	2,267
	PATHOGENESIS OF HEMORRHAGIC ENDOVASCULITIS OF PLACENTA SANDER, CHARLES H MICHIGAN STATE UNIVERSITY EAST LANSING MICH	2,312
S07 RR05658-15	PREVENTION OF PELVIC ADHESIONS IN RATS: ABDOMINAL SURGER COHEN, BRIAN M MOUNT SINAI HOSPITAL OF CLE CLEVELAND OHIO	1,490
S07 RR05665-15	PROGESTIN EFFECTS ON RAT OVARY GRANULOSA CELLS SCHREIBER, JAMES R UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	1,271
S07 RR05673-13	LONGITUDINAL STUDIES OF DIABETIC ADOLESCENTS & THEIR FAM HAUSER, STUART T JOSLIN DIABETES CENTER BOSTON MASS	19,553
	YOUNG TYPE I DIABETICS GLEASON, RAY E JOSLIN DIABETES CENTER BOSTON MASS	2,831
S07 RR05675-14	DEVELOPMENTAL CHANGES IN AUTOREGULATION: NEONATAL BRAIN FERRY, PEGGY C UNIVERSITY OF ARIZONA TUCSON ARIZ	205
	SOCIAL NETWORKS AND USE OF HEALTH SERVICES AMONG ADOLESC BOYCE, W THOMAS UNIVERSITY OF ARIZONA TUCSON ARIZ	508

	LIPID METABOLISM IN SUCKLING RATS CARTER, HERBERT E UNIVERSITY OF ARIZONA TUCSON ARIZ	1,497
	RHYTHMICITY & ROUTINE IN SIX MONTH OLD INFANTS AND THEIR SPRUNGER, LEWIS W UNIVERSITY OF ARIZONA TUCSON ARIZ	1,214
	FAT DIGESTION IN SUCKLING RATS LAW, JOHN H UNIVERSITY OF ARIZONA TUCSON ARIZ	3,507
	BUPIVACAINE AND PPX LEVELS IN MATERNAL SERUM, URINE, AND FINELY, JOHN H UNIVERSITY OF ARIZONA TUCSON ARIZ	821
	ENDOCRINE REGULATION OF FETAL LUNG MATURATION GROSSO, DAVID S UNIVERSITY OF ARIZONA TUCSON ARIZ	3,621
S07 RR05680-14	SYNAPTOGENESIS OF CATECHOLAMINERGIC NEURONS IN NEONATAL HWANG, BANG H PENNSYLVANIA STATE UNIV HER HERSHEY PA	1,000
	CONTINUING AEROBIC EXERCISE IN PREGNANCY JONES, ROBERT L PENNSYLVANIA STATE UNIV HER HERSHEY PA	3,074
	FAMILY PRACTICE BASED OBSTETRICAL CARE KANTNER, THEODORE R PENNSYLVANIA STATE UNIV HER HERSHEY PA	1,311
	EFFECT OF MATERNAL CARDIOPULMONARY BYPASS TECHNIQUES ON BOTTI, JOHN J PENNSYLVANIA STATE UNIV HER HERSHEY PA	835
	LONG TERM ESTROGEN REPLACEMENT VIA INTRAVAGINAL SILASTIC STUMPF, PAUL G PENNSYLVANIA STATE UNIV HER HERSHEY PA	1,165

S07 RR05694-13	IN VITRO OVUM PENETRATION AND EFFECT OF ANTISPERM ANTIBO ALEXANDER, NANCY J MEDICAL RESEARCH FOUNDATION PORTLAND OREG	247
	MELATONIN SECRETION IN INFANT MALE MONKEYS NORMAN, REID MEDICAL RESEARCH FOUNDATION PORTLAND OREG	2,061
	DETECTION OF PREGNANCY IN WOMEN BEFORE IMPLANTATION ALEXANDER, NANCY J MEDICAL RESEARCH FOUNDATION PORTLAND OREG	37
	PRENATAL ANDROGEN & PRIMATE SEXUAL DIFFERENTIATION EATON, G GARY MEDICAL RESEARCH FOUNDATION PORTLAND OREG	1,727
S07 RR05700-13	ATTACHMENT OF CANDIDA ALBICANS TO HUMAN VAGINAL CELLS BURNHAM, JEFFREY C MEDICAL COLLEGE OF OHIO AT TOLEDO OHIO	2,135
S07 RR05704-12	PREDICTION OF PRESCHOOL CHILDRENS DENTAL BEHAVIOR BASED WINGO, THOMAS H LOUISIANA STATE UNIV MED CT NEW ORLEANS LA	257
S07 RR05710-12	SURVEY OF BREAST FEEDING PRACTICES BUTZ, WILLIAM P RAND CORPORATION SANTA MONICA CALIF	41
S07 RR05712-11	THYROID STIMULATING IMMUNOGLOBULINS (TSI) IN CHILDHOOD G BROWN, ROSALIND S UNIVERSITY OF MASSACHUSETTS WORCESTER MASS	429
	THYROTROPIN BINDING INHIB IMMUNOGLOBULINS (TBII) IN CONG BROWN, ROSALIND S UNIVERSITY OF MASSACHUSETTS WORCESTER MASS	5,929
S07 RR05714-12	TUBAL PREGNANCY CASE CONTROL STUDY 5 SEATTLE HOSPITALS DALING, JANET UNIVERSITY OF WASHINGTON SEATTLE WASH	592

S07 RR05718-10	PROPOSAL TO STUDY SELF CARE AGENCY IN ADOLESCENTS DENYES, MARY WAYNE STATE UNIVERSITY DETROIT MICH	4,170
	RELATION OF ANXIETY TO LENGTH OF LABOR IN A HOME LIKE BI HUMITZ, BARBARA WAYNE STATE UNIVERSITY DETROIT MICH	1,424
	ADOLESCENT CONTRACEPTIVE PROBLEM SOLVING ABILITIES & CON SACHS, BARBARA WAYNE STATE UNIVERSITY DETROIT MICH	1,500
S07 RR05723-11	FACTOR EFFECTING TEENAGE CONTRACEPTION USAGE & PREGNANCY JACCARD, J J BATTELLE MEMORIAL INSTITUTE COLUMBUS OHIO	203
	FETAL ALCOHOL SYNDROME JAFFE, R A BATTELLE MEMORIAL INSTITUTE COLUMBUS OHIO	172
S07 RR05724-11	CHILDRENS RESPONSES TO EMERGENCY AND NONEMERGENCY DENTAL BROWNSTEIN, MARSHALL VIRGINIA COMMONWEALTH UNIVE RICHMOND VA	1,000
S07 RR05728-11	CARCINOGENICITY OF NICKEL ALLOY IN CHILDRENS CROWNS STANLEY, H R UNIVERSITY OF FLORIDA GAINESVILLE FLA	783
S07 RR05736-10	ORIGIN INTERVILLOUS THROMBI AS RELATED TO FETAL MATERNAL KAPLAN, CYNTHIA G STATE UNIVERSITY NEW YORK S STONY BROOK N Y	70
	CHARACTERIZATION OF HUMAN FETAL AND SEVERAL ABNORMAL FIB GALANAKIS, DENNIS K STATE UNIVERSITY NEW YORK S STONY BROOK N Y	4,461
S07 RR05737-11	ADENINE METABOLISM IN NEONATES MOROFF, GARY AMERICAN NATIONAL RED CROSS WASHINGTON D C	3,000

S07 RR05738-11	NITROGEN RETENTION IN PREMATURE INFANTS RECEIVING TOTAL MUTCHIE, KELLY D UNIVERSITY OF UTAH SALT LAKE CITY UTAH	145
	ADSORPTION OF INSULIN TO GLASS BOTTLES IN PEDIATRIC HYPE BEIGHTOL, ROBERT W UNIVERSITY OF UTAH SALT LAKE CITY UTAH	600
S07 RR05745-10	GLUCOSE TRANSPORT AND PERMEABILITY IN THE FETAL RAT INTE POTTER, GREGORY D UNIVERSITY OF TEXAS HLTH SC HOUSTON TEX	1,422
	EFFECT OF AMINOPHYLLINE ON FETAL LUNG MATURATION ARIAS, JUAN W UNIVERSITY OF TEXAS HLTH SC HOUSTON TEX	1,688
	TERATOGENIC MECHANISMS: ULTRASTRUCTURAL & CYTOCHEMICAL A SCHMIDT, KARMEN L UNIVERSITY OF TEXAS HLTH SC HOUSTON TEX	924
	LEFT VENTRICULAR FUNCTION IN NEWBORN LAMB DURING HYPOXEM GROSS, DONALD M UNIVERSITY OF TEXAS HLTH SC HOUSTON TEX	6,502
	SCOTOPIC & PHOTOPIC ANAL IN RETINA & CORTEX AFTER NEONAT FOX, DONALD A UNIVERSITY OF TEXAS HLTH SC HOUSTON TEX	71
	EFFECT OF HYPOXEMIA ON MYOCARDIAL METABOLISM IN NEWBORN FISHER, DAVID J UNIVERSITY OF TEXAS HLTH SC HOUSTON TEX	158
S07 RR05749-10	UTERINE HORN TRANSPOLANTATION: APPLICATION IN TERATOLOGY HILBELINK, DON R UNIVERSITY OF SOUTH FLORIDA TAMPA FLA	6,005
	URINARY C PEPTIDE AS INDICATOR OF NEONATAL ENDOGENOUS IN KANAREK, KEITH S UNIVERSITY OF SOUTH FLORIDA TAMPA FLA	6,000

	PITUITARY RESPONSE TO PROLACTIN RELEASING FACTORS DURING NAZIAN, STANLEY J UNIVERSITY OF SOUTH FLORIDA TAMPA FLA	543
	NEURONAL REORGANIZATION FOLLOWING NEONATAL CAPSAICIN TRE SAPORTA, SAMUEL UNIVERSITY OF SOUTH FLORIDA TAMPA FLA	1,671
S07 RR05755-09	ELICITING SENSITIVE INFORMATION FROM FEMALE ADOLESCENTS PRENTKY, SHANA UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	3,472
	CHILDRENS COPING RESPONSES TO DENTAL TREATMENT ZACHARY, ROBERT UNIVERSITY OF CALIFORNIA SA SAN FRANCISCO CALIF	583
S07 RR05756-09	PATTERN OF FETAL PROTEINS IN AMNIOTIC FLUID: NORMAL DEVE KRONQUIST, KATHRYN UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	1,379
	PROTEIN SPECIES IN 3RD TRIMESTER AMNIOTIC FLUID NORMAL & MC GINNIS, JAMES UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	1,761
	COGNITION IN MENTALLY RETARDED & AUTISTIC CHILDREN SIGMAN, MARIAN UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	501
	ATTENTION/INFORMATION PROCESSING IN CHILDREN ASARNOW, ROBERT UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	4,926
	EFFECTS OF NEUROTOXIC AGENTS ON HISTOGENESIS OF FETAL RA BRON, W JANN UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	65
	STUDY OF SUICIDAL IDEATION & INTENT IN PREPUBERTAL CHILD CARLSON, GABRIELLE UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	2,282

	DIVORCE IMPACT IN LOW INCOME FAMILIES TEYBER, EDWARD UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	10
	KETONE BODIES & CHOLESTEREMIAS OF PREGNANCY WONG, GAIL UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	2,847
	PREBIRTH PARENT ADAPTATION & FAMILY DEVELOPMENT HEINECKE, CHRISTIAN UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	4,661
	POSTNATAL DEVELOP OF ANATOMICAL IDENTIFICATION NEURONS I FISHER, ROBIN UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	518
	INFANT DEVELOPMENT IN RELATION TO MATERNAL ALCOHOL USE O'CONNOR, MARY UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	4,590
	EFFECTIVENESS OF THERAPEUTIC MILIEU OF JUVENILE OFFENDER SHERSHOW, LEE UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	2,869
	USE OF NONORAL COMMUNICATION DEVICE BY AUTISTIC CHILDREN MEYERS, LAURA UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	871
S07 RR05758-09	INSTRUMENT TO MEASURE RELATIONSHIPS IN SCHOOLAGED CHILDR ELLISON, EDYTHE UNIVERSITY OF WASHINGTON SEATTLE WASH	1,234
	PARENTS DECISIONS TO USE OR NOT TO USE INFANT AUTOMOBILE GLASCOCK, JANE UNIVERSITY OF WASHINGTON SEATTLE WASH	2,750
	A MICROLEVEL STUDY OF INFANT SURVIVAL & CHILD GROWTH IN MUECKE, MARJORIE UNIVERSITY OF WASHINGTON SEATTLE WASH	196

	MENTAL HEALTH SCREENING OF PRESCHOOL CHILDREN ROSE, MARION UNIVERSITY OF WASHINGTON SEATTLE WASH	846
	INFLUENCE OF ALCOHOL ON PREGNANCY OUTCOMES SHAVER, JOAN UNIVERSITY OF WASHINGTON SEATTLE WASH	1,553
	ETHNIC ADOLESCENT HYPERTENSION SURVEY SPRATLEN, LOIS P UNIVERSITY OF WASHINGTON SEATTLE WASH	86
	EFFECTS OF PARENT TRAINING PROGRAMS BASED ON VIDEOTAPE M WEBSTER-STRATTON, CA UNIVERSITY OF WASHINGTON SEATTLE WASH	338
	COMPARING TWO PARENT TRAINING PROCEDURES FOR CONDUCT DIS WEBSTER-STRATTON, CA UNIVERSITY OF WASHINGTON SEATTLE WASH	169
	ONE & TWO STAGE SCREENING PROCEDURE ON HIGH RISK INFANT BROWN, MARY M UNIVERSITY OF WASHINGTON SEATTLE WASH	2,023
	MEASURES TO PREDICT CHILD ABUSE DISBROW, MILDRED A UNIVERSITY OF WASHINGTON SEATTLE WASH	48
S07 RR05767-08	BEHAVIORAL RESEARCH TO PEDODONTICS (CHILDREN) BROCKHOUSE, R MEDICAL UNIVERSITY OF SOUTH CHARLESTON S C	263
	MEDICALLY COMPROMISED CHILD PATIENTS: ANORMALIES GRANT, NANCY MEDICAL UNIVERSITY OF SOUTH CHARLESTON S C	558
S07 RR05770-04	HIPPOCAMPAL AFTER DISCHARGES IN RATS PRENATALLY EXPOSED ECCLES, CHRISTINE U UNIVERSITY OF MARYLAND AT B BALTIMORE MD	1,402

	AMYGDALOID KINDLING IN NEONATAL RATS BUTERBAUGH, GARY UNIVERSITY OF MARYLAND AT B BALTIMORE MD	2,407
S07 RR05771-06	INTERRELATIONSHIP ATP SYNTHESIS & PRESYNENOLONE SYN: POR NEYMARK, MICHAEL A EASTERN VIRGINIA MEDICAL SC NORFOLK VA	2,249
S07 RR05772-08	MONOAMINERGIC REGULATIONS OF PROLACTIN DURING PREGNANCY DEMAREST, KEITH MICHIGAN STATE UNIVERSITY EAST LANSING MICH	5,876
	RECOVERY OF NOREPINEPHRINE FIBERS IN NEONATAL MICE LOVELL, KATHRYN MICHIGAN STATE UNIVERSITY EAST LANSING MICH	3,723
S07 RR05788-06	INDENTIFICATION OF A SPECIFIC PROTEIN CHARACTERISTIC OF SHILLE, VICTOR M UNIVERSITY OF FLORIDA GAINESVILLE FLA	1,400
S07 RR05794-06	INTERACTION OF ZINC AMINO ACIDS AND ZINC KETONE BODIES I MUKHERJEE, MUKUNDA D WRIGHT STATE UNIVERSITY DAYTON OHIO	1,692
	THE EFFECT OF LACTATION SUPPRESSION ON PLASMA LIPIDS CHRISTOPHER, CHARLES WRIGHT STATE UNIVERSITY DAYTON OHIO	752
	SCANNING ELECTRON MICROSCOPE STUDY OF IUD EFFECTS ON UTE ZAMBERNARD, JOSEPH WRIGHT STATE UNIVERSITY DAYTON OHIO	2,428
	STRUCTURE AND MECHANISM OF OVULATION PENDERGRASS, PAULA B WRIGHT STATE UNIVERSITY DAYTON OHIO	3,000
	PROSTAGLANDIN METABOLISM IN BRAIN OF NEONATAL SPONTANEOU MULLINS, MARGARET M WRIGHT STATE UNIVERSITY DAYTON OHIO	2,100

	COMPARISON OF CORTICAL BONE IN CHILDREN WITH THEIR RATES CHUMLEA, WILLIAM C WRIGHT STATE UNIVERSITY DAYTON OHIO	2,434
	INTRACELL COPPER LEV IN SYRIAN HAMSTER UTERINE LUMINAL E BARTLEY, MURRAY C WRIGHT STATE UNIVERSITY DAYTON OHIO	1,129
	CHANGES IN BODY COMPOSITION IN GROWTH HORMONE DEFIC CHIL URBAN, MARIA D WRIGHT STATE UNIVERSITY DAYTON OHIO	50
S07 RR05796-05	IMPACT ON FAMILY FUNCTIONING OF A CHILDS HANDICAP OR CHR LONGO, DIANNE UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	65
	CLINICAL ASSESSMENT OF PSYCHOPATHOLOGY IN VIOLENT JUVENI RICHARDSON, LINDA M UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	300
	SPINAL CORD INJURY ON OVULATORY FUNCTION IN WOMEN REAME, NANCY UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	3,758
	CHILDRENS REACTION TO HOSPITALIZATION HUNSICKER, PATRICIA UNIVERSITY OF MICHIGAN AT A ANN ARBOR MICH	345
S07 RR05806-04	CHANGES IN THE CONNECTIVITY OF THE OPTIC TECTUM FOLLOWIN FISH, STEPHEN NORTHEASTERN OHIO UNIVERSIT ROOTSTOWN OHIO	1,411
S07 RR05807-04	PRENATAL DEVELOPMENT OF THE FERRET VISUAL SYSTEM HICKEY, TERRY L UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	878
S07 RR05808-04	NUTRITIVE AND NONNUTRITIVE SUCKING: EFFECTS OF POSITIONI WARREN, LANA R JOHN F. KENNEDY INSTITUTE BALTIMORE MD	10,781

S07 RR05810-04	SYNAPTOGENESIS AND CELL DIFFERENTIATION IN FETAL HUMAN R BLANKS, JANET C ESTELLE DOHENY EYE FOUNDATI LOS ANGELE CALIF	1,873
S07 RR05815-03	EXPERIMENTAL DIABETES IN PREGNANCY BECK, RONALD R UNIVERSITY OF SOUTH CAROLIN COLUMBIA S C	2,669
S07 RR05817-03	EVOKED POTENTIAL IN OFFSPRING OF DEPRESSED BRADEN, WILLIAM BUTLER HOSPITAL PROVIDENCE R I	4,612
S07 RR05821-03	ANTHROPOMETRIC CHARACTERS OF GIRLS WITH KNOWN DIET AND A KISSINGER, DAVID LOMA LINDA UNIVERSITY LOMA LINDA CALIF	75
	RELATIONSHIP OF LIFESTYLE CHARACTERISTICS TO PREGNANCY W KUZMA, JAN W LOMA LINDA UNIVERSITY LOMA LINDA CALIF	43
S07 RR05822-03	DEFECTIVE NEUTROPHIL HEXOSE MONOPHOSPHATE SHUNT ACTIVITY KING, JOHN W LOUISIANA STATE UNIV MED CT SHREVEPORT LA	994
S07 RR05823-03	CHARACTERIZATION OF THE RAT EMBRYO VISCERAL YOLK SAC CLARK, CHARLES C UNIVERSITY CITY SCIENCE CEN PHILADELPHIA PA	16,250
	ISOLATION OF LAMININ FROM HUMAN PLACENTAL AMNION OHNO, MIKIO UNIVERSITY CITY SCIENCE CEN PHILADELPHIA PA	7,967
S07 RR05827-03	NEUROLOGICAL DECOMPRESSION SICKNESS IN THE FETUS AND ADU POWELL, MICHAEL R INSTITUTE OF APPLIED PHYSIO SEATTLE WASH	8,195
S07 RR05829-03	DESCRIPTIVE EPIDEMIOLOGY OF JUVENILE ONSET DIABETES IN A ROSEMAN, JEFFREY F UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	1,336

	SEROTYPE SPECIFIC RECOMBINENT BLUE TONGUE VIRUS ON REPRO ROY, POLLY UNIVERSITY OF ALABAMA IN BI BIRMINGHAM ALA	4,540
S07 RR05831-03	PRENATAL, NEONATAL, POSTNATAL IMPRINTING OF HEPATIC DRUG ERWIN, V GENE UNIVERSITY OF COLORADO AT B BOULDER COLO	3,498
S07 RR05832-03	DEVELOPMENT OF VISUAL POSTURAL REFLEXES IN HUMAN INFANTS SCHOR, CLIFTON M UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	4,032
S07 RR05835-03	SEVERE VASOOCCLUSIVE CRISIS IN SICKLE CELL DIS: FAMILY & COVELMAN, KENNETH W PHILADELPHIA CHILD GUIDANCE PHILADELPHIA PA	2,981
	FAMILY CHARACTERISTICS JUVENILE DIABETICS AT ONSET: PRED SARGENT, JOHN PHILADELPHIA CHILD GUIDANCE PHILADELPHIA PA	5,412
	COMMUNICATION PATTERNS IN FAMILIES OF DRUG ADDICTS STEIER, FREDERICK PHILADELPHIA CHILD GUIDANCE PHILADELPHIA PA	5,972
S07 RR05836-03	CHILD BEHAVIOR RATING SCREEN VALIDATION STUDY SATIN, MAURICE LONG ISLAND RESEARCH INSTIT STONY BROOK N Y	517
S07 RR05838-03	TERATOGENICITY OF ETHANOL IN THE FERRET: BINGE DRINKING HADDAD, RAEF INSTITUTE FOR BASIC RES IN NEW YORK N Y	3,171
	MATERNAL LEAD CONSUMPTION DURING PREGNANCY & FUNCTIONAL RABE, AUSMA INSTITUTE FOR BASIC RES IN NEW YORK N Y	89
S07 RR05840-04	DEVELOPMENTAL AND CURRENT LIFE FACTORS IN WOMEN WITH SEX O'CONNOR, DAGMAR ST. LUKE'S-ROOSEVELT INST F NEW YORK N Y	3,450

	BIOBEHAVIORAL CHANGES DURING FEMALE PUBERTY WARREN, MICHELLE P ST. LUKE'S-ROOSEVELT INST F NEW YORK N Y	3,752
S07 RR05842-03	ROLE OF ENDORPHINS IN MATURATION OF RESPIRATORY CONTROL GRUNSTEIN, MICHAEL NATIONAL JEWISH HOSPITAL & DENVER COLO	3,628
S07 RR05848-01	TURNOVER, BURNOUT AND ABSENTEEISM OF NEONATAL ICU STAFF DUXBURY, MITZI L UNIVERSITY OF MINNESOTA OF MINNEAPOLIS MINN	6,249
S07 RR05849-02	UNSATURATED FATTY ACID METAB IN NEONATAL RATS(LUNG PHOSP KEHRER, JAMES P UNIVERSITY OF TEXAS AUSTIN AUSTIN TEX	2,500
S07 RR05854-02	ANIMAL MODEL FOR EVALUATION OF CARDIAC TERATOGENS HUNTER, JON F TEXAS AGRI AND MECH UNIV CO COLLEGE ST TEX	1,366
S07 RR05855-02	DETERMINATION OF CIMETIDINE PHARMACOKINETICS IN CRITICAL LLOYD, CHARLES W UNIVERSITY OF HOUSTON AT HO HOUSTON TEX	1,198
S07 RR07002-17	LACTATE AND RESPIRATORY RESPONSES WILMORE, JACK E UNIVERSITY OF ARIZONA TUCSON ARIZ	1,073
S07 RR07003-17	GENE STRUCTURE AND FUNCTION IN ANIMAL REPRODUCTION MEYEROWITZ, ELLIOTT CALIFORNIA INSTITUTE OF TEC PASADENA CALIF	3,186
S07 RR07005-17	MONOCLONAL ANTIBODY FOR PROBING FERTILIZATION EPEL, DAVID STANFORD UNIVERSITY STANFORD CALIF	2,635
S07 RR07006-17	EVALUATION OF IRON AND ASCORBIC ACID STATUS IN WOMEN RUN BUTTERFIELD, GAIL UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	3,434

	FACTORS AFFECTING THE STRETCH REFLEX IN CEREBAL PALSY CH GIACALONE, WILLIAM R UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	2,916
	PSYCHOSOCIAL FACTORS ASSOCIATED WITH DEPRESSION IN ADOLE GIBBS, JEWELLE T UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,871
	CHILDRENS COPING RESPONSES FOR DENTAL TREATMENT HUANG, LARKE N UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,338
	EVALUATION OF PARENTAL ATTITUDE AND BEHAVIOR TOWARDS DEL GIBBS, JEWELLE T UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	2,163
	STUDY OF CELL LINEAGE IN THE EMBRYONIC DEVELOPMENT OF SI STENT, GUNTHER UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	93
	DEVELOPMENT GENETICS OF SUMATIC EMBRYOGENESIS SUNG, Z RENEE UNIVERSITY OF CALIFORNIA BE BERKELEY CALIF	1,805
S07 RR07009-17	CYTOSOL RECEPTORS FOR JUVENILE HORMONES ENGELMAN, F UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	2,052
	PERSONALITY & BEHAVIORAL CORRELATES OF TESTOSTERONE LEVE ABRAMSON, P D UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	576
	INFANTS' AVOIDANCE BEHAVIOR RADER, N UNIVERSITY OF CALIFORNIA LO LOS ANGELES CALIF	3,011
S07 RR07011-17	OOGENESIS, FERTILIZATION & EARLY DEVELOPMENT ON SPERM EG SOMERO, MEREDITH G UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	928

	MEDICALIZATION OF REPRODUCTION: SCIENTIFIC MED - DISEASI TODD, ALEXANDRA UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	879
	CHANGE OF LIFESTYLE OF PRIMIPAROUS MOTHERS CICOUREL, AARON V UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	1,299
	EMBRYOLOGY AND FERTILIZATION STUDIES HOLLAND, NICOLAS D UNIVERSITY OF CALIFORNIA SA LA JOLLA CALIF	1,831
S07 RR07012-16	BIG BROTHER PROGRAM: SOCIAL EFFECTIVENESS & SELF ESTEEM HECHT, MICHAEL L UNIVERSITY OF SOUTHERN CALI LOS ANGELES CALIF	810
S07 RR07014-17	TV VIEWING AND LEARNING: HEARING IMPAIRED AND NORMAL HEA WELCH, ALICIA J UNIVERSITY OF CONNECTICUT S STORRS CONN	592
	IMPACT OF TV MESSAGE CHARACTERISTICS ON LEARNING AMONG S WELCH, ALICIA J UNIVERSITY OF CONNECTICUT S STORRS CONN	592
	HEARING IMPAIRED CHILDRENS ATTENTION TO AND LEARNING FRO WAIDE, JO-ANN UNIVERSITY OF CONNECTICUT S STORRS CONN	592
	SPECIFICITY OF HUMAN INFANT LINGUAL LIPASE: SEPARATION O JENSEN, ROBERT G UNIVERSITY OF CONNECTICUT S STORRS CONN	5,597
	GENETIC BASIS OF REPRODUCTIVE ISOLATION IN INSECTS: SPEC HENRY, CHARLES S UNIVERSITY OF CONNECTICUT S STORRS CONN	2,933
	PREDICTIONS OF DEVELOPMENTAL OUTCOME OF NORMAL AND HIGH THOMAN, EVELYN B UNIVERSITY OF CONNECTICUT S STORRS CONN	3,503

S07 RR07015-17	LANGUAGE ACQUISITION: JAPANESE CHILDREN, PUERTO RICAN AD HAKUTA, KENJI YALE UNIVERSITY NEW HAVEN CONN	1,910
	WORK & FAMILY LIFE: ATTITUDES TOWARD JOB & FAMILY (CHILD PIOTRKOWSKI, CHAYA YALE UNIVERSITY NEW HAVEN CONN	577
S07 RR07016-09	OVARIAN CONTROL OF GONADOTROPIN RELEASE IN PREPUBERTAL H DIPINTO, M N UNIVERSITY OF DELAWARE NEWARK DEL	2,800
	NUTRIENT TRANSPORT IN EMBRYONAL CARCINOMA CELLS TASCA, RICHARD J UNIVERSITY OF DELAWARE NEWARK DEL	3,000
	TERATOGENICITY OF WATER SOLUBLE COMPOUNDS RITTSCHOFF, DANIEL UNIVERSITY OF DELAWARE NEWARK DEL	650
S07 RR07019-17	OBSERVATIONAL LEARNING IN EARLY CHILDHOOD ABRAVANAL, EUGENE GEORGE WASHINGTON UNIVERSIT WASHINGTON D C	1,820
S07 RR07021-17	ORAL CONTRACEPTIVE USE AND VITAMIN B6 STATUS IN PREGNANT BAILEY, LYNN B UNIVERSITY OF FLORIDA GAINESVILLE FLA	2,374
	HEARING IN YOUNG INFANTS: (REFLEX MODIFICATION TO ASSESS BERG, WILLIAM KEITH UNIVERSITY OF FLORIDA GAINESVILLE FLA	736
	H1 HISTONE SYNTHESIS BY PREIMPLANTATION PIG EMBRYOS BROOKBANK, JOHN W UNIVERSITY OF FLORIDA GAINESVILLE FLA	2,206
	AUTOMATED EMBRYOLOGIC MODELING HETRICK, VIRGINIA UNIVERSITY OF FLORIDA GAINESVILLE FLA	152

S07 RR07022-15	PARENT TRAINING IN PREPRIMARY BEHAVIORAL COMPETENCE FOLL TRUSS, CARROLL V UNIVERSITY OF MIAMI CORAL GABL FLA	413
	NUTRITION IN THE BEHAVIORAL DEVELOPMENT OF CHILDREN GREENFIELD, DARYL B UNIVERSITY OF MIAMI CORAL GABL FLA	1
	PSYCHOLOGICAL AND BEHAVIORAL CORRELATES IN JUVENILE DIAB LA GRECA, ANNETTE M UNIVERSITY OF MIAMI CORAL GABL FLA	2,316
S07 RR07024-17	PEDIATRIC HEMODYNAMICS MECHANISM OF CEREBRAL HEMORRHAGE GIDDENS, DON P GEORGIA INSTITUTE OF TECHNO ATLANTA GA	4,588
S07 RR07025-17	POSTTREATMENT EVALUATION OF CHILD ABUSING MOTHERS LAHEY, BENJAMIN UNIVERSITY OF GEORGIA ATHENS GA	2,005
	DIVORCE AND THE HOME ENVIRONMENTS OF YOUNG CHILDREN BRODY, GENE UNIVERSITY OF GEORGIA ATHENS GA	5,023
	LOWER VERTEBRATE BRAIN PEPTIDE HORMONES FOR REGULATION O CRIM, JOE WILLIAM UNIVERSITY OF GEORGIA ATHENS GA	1,200
S07 RR07028-17	REPRODUCTIVE BIOLOGY SCHWARTZ, NEENA B NORTHWESTERN UNIVERSITY EVANSTON ILL	3,218
	CONCEPTUAL PROCESSES IN EARLY CHILDHOOD SUGARMAN, SUSAN NORTHWESTERN UNIVERSITY EVANSTON ILL	1,910
	ENVIRONMENTAL & HORMONAL CONTROL OF OVULATION SCHWARTZ, NEENA B NORTHWESTERN UNIVERSITY EVANSTON ILL	19,673

S07 RR07029-17	MOTHER CHILD INTERACTION: MENTALLY ILL AND WELL MOTHERS COHLER, BERTRAM UNIVERSITY OF CHICAGO CHICAGO ILL	978
	SOCIO CULTURAL DIMENSIONS OF ACUTE LIFE THREATENING CHIL COMAROFF, JEAN UNIVERSITY OF CHICAGO CHICAGO ILL	6,696
	CHILDREN'S CONCEPTS OF HARM AND SOCIAL CONTROL SHWEDER, RICHARD UNIVERSITY OF CHICAGO CHICAGO ILL	1,003
	ORGANIZATION OF INSTRUCTION PROCESSES FOR LEARNING AND C THOMAS, J ALAN UNIVERSITY OF CHICAGO CHICAGO ILL	778
S07 RR07030-17	FETAL/PLACENTAL UNIT IN CORPUS LUTEUM MAINTENANCE IN THE BAHR, JANICE UNIVERSITY OF ILLINOIS URBA URBANA ILL	25
	HUMAN CYCLES OF FERTILITY; A CROSS CULTURAL EXPLORATION BURLEY, NANCY UNIVERSITY OF ILLINOIS URBA URBANA ILL	294
	SERUM MANGANESE CONCENTRATION OF TERM INFANTS BY THE TYP PICCIANO, M F UNIVERSITY OF ILLINOIS URBA URBANA ILL	1,347
	EFFECT OF THE FETAL/PLACENTAL UNIT ON IMPLANTATION IN TH KESLER, D J UNIVERSITY OF ILLINOIS URBA URBANA ILL	612
	NEUROTOXICITY AND TERATOGENICITY METCALF, ROBERT L UNIVERSITY OF ILLINOIS URBA URBANA ILL	1,289
S07 RR07031-17	APPROPRIATENESS OF THE RECOMMENDED DIETARY ALLOWANCE FOR HICKSON, JAMES INDIANA UNIVERSITY BLOOMING BLOOMINGTON IND	1,162

	PATTERNS OF COPING & SUPPORT IN THE ADULT OFFSPRING OF A HELLER, KENNETH INDIANA UNIVERSITY BLOOMING BLOOMINGTON IND	333
	BEHAVIOR PATTERNS OF SOCIALLY REJECTED & NEGLECTED PREAD DODGE, KENNETH A INDIANA UNIVERSITY BLOOMING BLOOMINGTON IND	3,000
	DEVELOPMENT OF SOCIAL COMPETENCE: YOUNG CHILDS FAMILY SY BATES, JOHN INDIANA UNIVERSITY BLOOMING BLOOMINGTON IND	2,699
	ADOLESCENT PEER RELATIONS & SOCIALIZATION PEER RELATIONS EDER, DONNA INDIANA UNIVERSITY BLOOMING BLOOMINGTON IND	611
	CHARARTERIZATION OF SEA URCHIN PROTEINS SPECIFIC TO EMBR KLEIN, WILLIAM INDIANA UNIVERSITY BLOOMING BLOOMINGTON IND	11
S07 RR07033-17	GENETIC COUNSELING, ABORTION, WRONGFUL LIFE (SOCIAL CHA CARLTON, WENDY A UNIVERSITY OF NOTRE DAME NOTRE DAME IND	1,676
S07 RR07034-17	IN UTERO VAGOTOMY OF THE FETAL SHEEP: EXP MODEL OF HYALI RILEY, M G I IOWA STATE UNIVERSITY OF SC AMES IOWA	672
	BLOCKING OF ESTROUS CYCLE IN THE BITCH BY INJECTIONS OF PINEDA, MAURICIO H IOWA STATE UNIVERSITY OF SC AMES IOWA	2,167
S07 RR07035-17	HOSPITAL OBSTETRICAL METHODS LABOR, DELIVERY AND RECOVER PENG, CHAO-YING UNIVERSITY OF IOWA IOWA CITY IOWA	199
	ANTECEDENTS OF THE PACE AND TIMING OF FERTILITY TEACHMAN, JAY D UNIVERSITY OF IOWA IOWA CITY IOWA	98

	DEVELOPMENT IN CHILDRENS PERSUASIVE STRATEGIES SHAKLEE, HARRIET L UNIVERSITY OF IOWA IOWA CITY IOWA	347
	SIBLING RESPONSES UPON HOSPITALIZATION OF CHILDREN CRAFT, MARTHA J UNIVERSITY OF IOWA IOWA CITY IOWA	4,416
	PREDICTORS AND CONSEQUENCES OF POSTPARTUM DEPRESSION (MA O'HARA, MICHAEL W UNIVERSITY OF IOWA IOWA CITY IOWA	4,549
S07 RR07037-17	ASSESSMENT & INTERVENTION OF COMPLEX AUDITORY STIMULUS D ETZEL, BARBARA UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	24
	PARENT, PEER, AND OTHER SOCIAL INFLUENCES ON ADOLESCENT BRAUKMANN, CURTIS J UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	2,123
	TEACHING CHILDREN TO MAKE LOGICAL ASSOCIATIONS: STUDY IN RAMP, EUGENE UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	1,034
	INDIVIDUAL DIFFERENCES IN INFANTS IN INTERACTION WITH EN HOROWITZ, FRANCES D UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	139
	LINGUISTIC SKILLS TRAINING WITH MOTHERS AS TEACHERS WARREN, STEVEN UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	4,333
	HORMONAL REGULATION OF UTERINE PROGESTATIONAL METABOLISM YOCHIM, JEROME M UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	2,245
	PARENT TRAINING: IMPACT ON THE FATHER CHILD RELATIONSHIP EMBRY, LYNNE UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	1,623

	PAIN TOLERANCE & COPING STRATEGIES OF DYSMENORRHEIC & NO DENNY, DOUGLAS R UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	4
	NEGATIVE INCOME TAX EXPERIMENTS & HLTH STATUS & EDUC OUT SALKIND, NEIL UNIVERSITY OF KANSAS LAWREN LAWRENCE KANS	33
S07 RR07040-15	EVALUATION OF THE ROLE OF THE HYPOPHYSIS IN RELAXIN SYNT ANDERSON, MARY L TULANE UNIVERSITY OF LOUISI NEW ORLEANS LA	7,072
	FETAL LIVER PROLIFERATION MODEL OF NEOPLASIA ALTERED CEL GEORGE, WILLIAM J TULANE UNIVERSITY OF LOUISI NEW ORLEANS LA	6,825
	WISC R FREEDOM FROM DISTRACTIBILITY FACTOR & MEMORY/ACHI STEWART-LESTER, KRIS TULANE UNIVERSITY OF LOUISI NEW ORLEANS LA	739
S07 RR07041-17	EXPERIENCES OF WOMEN IN PREGNANCY AND CHILDBIRTH MARTIN, EMILY JOHNS HOPKINS UNIVERSITY BALTIMORE MD	1,500
	GROWTH OF CONVERSATION SKILLS IN PRESCHOOL CHILD: DYADIC GARVEY, CATHERINE JOHNS HOPKINS UNIVERSITY BALTIMORE MD	1,503
	EFFECTS OF FAMILY EXPRESSIVENESS ON NONVERBAL COMMUNICAT GARVEY, WILLIAM JOHNS HOPKINS UNIVERSITY BALTIMORE MD	103
S07 RR07043-17	RADIONUCLIDE LABELING OF DEVELOPING SEEDS TO DETERMINE M PRIMACK, RICHARD BOSTON UNIVERSITY BOSTON MASS	361
	SKILLS TRAINING FOR FATHERS OF SCHOOL AGE CHILDREN LEVANT, RONALD BOSTON UNIVERSITY BOSTON MASS	862

	PRIVATE SPEECH AND COGNITIVE DEVELOPMENT IN LEARNING DIS COPELAND, ANNE BOSTON UNIVERSITY BOSTON MASS	1,911
	TEACHING CHILDREN TO RECOGNIZE EMOTIONS: PARENT CHILD IN GREIF, ESTHER BOSTON UNIVERSITY BOSTON MASS	568
	ASSESSMENT & TREATMENT OF FATHER DAUGHTER INCEST VINES, DIANE W BOSTON UNIVERSITY BOSTON MASS	250
S07 RR07044-17	FUNCTIONS OF HIGH FANTASY ROLE PLAYING IN PRESCHOOLERS WATSON, MALCOLM W BRANDEIS UNIVERSITY WALTHAM MASS	767
	TRANSCRIPTION OF -TUBULIN GENES IN DROSOPHILA EMBRYOS WENSINK, PIETER C BRANDEIS UNIVERSITY WALTHAM MASS	1,685
	MASSACHUSETTS' PARENTAL CONSENT LAW: A PRELIMINARY STUDY KLERMAN, LORRAINE V BRANDEIS UNIVERSITY WALTHAM MASS	1,800
		17,032,395

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